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Jamaica

1910

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REVISED LIST OF THE
BIRDS OF JAMAICA

(Based on the List of Alfred and Edward Newton in
the 'Handbook of Jamaica for 1881.')

BY

P. L. SCLATER, DR. SC., F.R.S.

Reprinted from the 'Handbook of Jamaica for 1910.'

KINGSTON, JAMAICA :

THE INSTITUTE OF JAMAICA.

Agents in London, H. Sotheran, & Co., 140 Strand W.C., and 28 Piccadilly, W.

1910.

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I. INTRODUCTORY REMARKS.

The principal modern authorities on the ornithology of Jamaica are Gosse (1847) Selater (1861), March (1863-4), Newton, (1881) and Scott (1891-3).

Gosse's delightful volume, published by Van Voorst in 1847, let in a flood of light upon a subject previously left almost in the dark since the days of Sir Hans Sloane. Gosse was not, strictly speaking, a scientific naturalist, but received valuable assistance from the late G. R. Gray (and other friends at the British Museum), which rendered his excellent field-notes much more valuable. During his eighteen months' stay in Jamaica he resided mainly at Bluefields, a village on the south coast of the Island. In his 'Birds of Jamaica' Gosse described about 175 species of birds as met with in the Island.*

Gosse subsequently (1849) planned a volume of 'Illustrations of the Birds of Jamaica,' but did not continue it after the issue of about 50 plates. References to his 'Birds of Jamaica' and his "Illustrations" are quoted in this List as "Gosse" with the page and number of the Plate added to them.

About the beginning of 1858 I made the acquaintance of the late Mr. W. Osburn, who was a friend of Gosse, and had contributed some excellent notes on the Natural History of Jamaica to the 'Zoologist' in 1859 and 1860.†

After Mr. Osburn's death in 1861 I was requested by his relatives to undertake the examination of his collection of birds, which I gladly agreed to do. The result was a paper on his collection, which was read before the Zoological Society of London in February 1861, and was published in their 'Proceedings'. There were 92 species represented in Osburn's series, and amongst them were four examples of a new genus and species of Virconidæ, to which I gave the name *Laletes osburni* in commemoration of the discoverer, besides specimens of 8 species new to the Jamaican Avifauna. The collection also contained a pair of a rare and little known Nightjar (*Siphonorhis americanus*), very remarkable for its elevated tubular nostrils.

A third important paper on the birds of Jamaica drawn up by Mr. W. T. March was communicated by the late Prof. Baird to the Academy of Natural Sciences of Philadelphia in 1863, and was published in that Society's 'Proceedings' for 1863 and 1864. It consisted of a series of field-notes based on the author's own observations, with remarks by Prof. Baird. These are all referred to in the following Revised List.

The next essay in point of date on the Ornithology of Jamaica is the 'List of the Birds of Jamaica' prepared by the brothers Alfred and Edward Newton, and published in the 'Handbook of Jamaica' for 1881, of which the subjoined "Revised List" is in fact a second edition. Like all the work in which Alfred Newton took part this List was carefully and conscientiously prepared. Well knowing its value and correctness, I have only made such alterations in it as were in my opinion absolutely necessary. The original edition has been long out of print, and when I was in Jamaica in 1909‡ I willingly consented, at the request of Mr. Frank Cundall of the Institute of Jamaica, to prepare a new edition of it. I have, however, made two small additions to it, by stating shortly the 'habitat' and range of every species, and by appending to the List a few remarks on the general character of the Jamaican Avifauna.

Since the publication of the Newtonian 'List' in 1881 an important addition has been made to our knowledge of the Birds of Jamaica by the excellent field-notes of Mr. W. E. D. Scott who passed the winter of 1890-1 in Jamaica. Mr. Scott's 'Observations on the Birds of Jamaica,' which were published in "The Auk" of 1891, 1892 and 1893 in a series of eight papers, contain a mass of information on the subject, which should be carefully studied by those who are interested in Jamaican Ornithology. He gives a complete list of all the birds of the Island known to him (212 in number) and adds excellent remarks on their habits and structure. The

* A view of the house on the "Bluefields" estate will be found as the frontispiece of Gosse's interesting volume "A Naturalist's sojourn in Jamaica" published in 1851.

† See Zoologist, 1859, pp. 6355, 6587, 6658, 6709, 6742, and 1860, pp. 6833, 6872, 6925.

‡ See Bull. B. O. C. Vol. xxiii, p. 70.

"Revised List" subjoined contains exact references to Mr. Scott's "Observations," as also to the four authorities previously mentioned.

I have also supplied in every case a reference to the "Catalogue of Birds in the British Museum," where other synonyms of the birds will be found.

In conclusion I must not fail to mention that Mr. Charles B. Cory, (formerly of Boston, now of Chicago) has for many years specially devoted himself to the study of the Birds of the West Indies, and has published the following works which refer to Jamaica as well as to all the other islands of the Greater and Lesser Antilles.

- (1) A List of the Birds of the West Indies including the Bahama Islands and the Greater and Lesser Antilles excepting the islands of Tobago and Trinidad. 1 vol. 34pp. Boston, U.S.A., 1885.
- (2) A revised edition of the same work. Boston. 1886.
- (3) The Birds of the West Indies including all species known to occur in the Bahama Islands, the Greater Antilles the Caymans and the Lesser Antilles excepting the islands of Tobago and Trinidad. By Charles B. Cory, 1 vol., 324pp. Boston, U.S.A. 1889.
- (4) Catalogue of West Indian Birds containing a List of all species known to occur in the Bahama Islands, the Greater Antilles, the Caymans and the Lesser Antilles, excepting the islands of Tobago and Trinidad. By Charles B. Cory. Boston, 1892. 1 vol. 4 to. 163 pp.

I have given references to Mr. Cory's works when necessary.

II. LIST OF THE BIRDS OF JAMAICA.

FAM. CORVIDÆ.

Only one member of the Crow-family belongs to the Jamaican Avifauna but other species of this widely spread genus occur in Cuba, Haiti and Porto Rico.

The specimen of *Cyanocorax pileatus* (referred to by Gosse, p. 208, and by March, p. 360) was in all probability an escaped cage-bird.

1. CORVUS JAMAICENSIS

Jabbering Crow.

Corvus jamaicensis, Gosse, p. 209, id. Ill. pl. 52: March, Pr. Ac. Phil. 1863 p. 300: Newt. p. 103: Scott, Auk, x. p. 178.

Microcorax jamaicensis, Sharpe, Cat. B. iii. p. 48.

Hab. Resident in and peculiar to Jamaica

Fam. ICTERIDÆ.

The Troopials—the representatives of our Starlings in the New World, are a numerous group comprising at least 120 species. Of these 6 only are met with in Jamaica, but some of them, such as the Grakle and the Banana-bird, are among the best known species of the Island.

2. QUISCALUS CRASSIROSTRIS.

Tinkling Grakle.

Quiscalus crassirostris, Gosse, p. 217; id. Ill. pl. 53: March, Pr. Ac. Ph. 1863, p. 298: Newt. p. 103: Scott, Auk. x. p. 178: Sci. Cat. B. M. xi. p. 398.

Hab. Resident, common, peculiar to Jamaica.

3. NESOPSAR NIGERRIMUS.

All-black Grakle.

Icterus nigerrimus, Osburn, Zool. 1859, p. 457.

Nesopsar nigerrimus, Sci. Ibis, 1859, p. 457: id. P.Z.S. 1861, p. 74: March, p. 299: Newt. p. 103: Scott, Auk, x. p. 278: Sci. Cat. B. xi. p. 353.

Hab. Resident, peculiar to Jamaica.

4. ICTERUS VULGARIS.

Common Troopial

Icterus vulgaris, Cassin, R. Ac. Ph. 1867, p. 46: Newt. p. 104:.

Icterus icterus, Scott, Auk, x. p. 178.

Hab. This is a common cage-bird in South America, probably introduced into Jamaica.

5. ICTERUS LEUCOPTERYX.

Banana-Bird.

Icterus leucopteryx, Gosse, p. 226: Sci. P.Z.S. 1881, p. 74: March, Pr. Ac. Ph. 1883, p. 299: Newt. p. 104: Scott, Auk, x. p. 178: Sci. Cat. B. xi. p. 387.

Hab. Resident, peculiar to Jamaica

6. DOLICHONYX ORYZIVORUS.

Rice-bird.

Dolichonyx oryzivorus, Gosse, p. 229: Sci. P.Z.S. 1861, p. 74: March, Pr. Ac. Ph. 1863, p. 299: Newt. 1881, p. 104: Scott, Auk, x. p. 178: Sci. Cat. B. xi. p. 331.

Hab. An abundant migrant from the north, on passage through Jamaica in October and April.

Fam. FRINGILLIDÆ.

The Finches form one of the largest families of Passerine Birds, and are distributed all over the world. In Jamaica they are not abundant, only 7 species being met with, and one of these may have been introduced.

7. PHONIPARA BICOLOR. Black-faced Grass-quit.

Spermophila bicolor, Gosse, p. 262, id. Ill. pl. 64.

Phonipara marchi, Baird, Pr. Ac. Phil. 1863, p. 297: Newt. p. 104.

Enetheia bicolor, Scott, Auk, p. 179.

Phonipara zena, Baird, Brew. and Ridgw., N.A.B. ii. p. 934.

Phonipara bicolor subsp. *marchi*, Sharpe, Cat. B. xii, p. 150.

Enethia bicolor marchi, Ridgw. A.B. i. p. 532.

Hab. Common and resident in Jamaica.

The Jamaican bird has been made different, but it is very difficult, if possible to distinguish it from *P. bicolor*.

8. PHONIPARA OLIVACEA. Yellow-faced Grass-quit.

Spermophila olivacea, Gosse, p. 249.

Phonipara olivacea, March, Pr. Ac. Ph., 1863, p. 297: Newt. p. 104.

Enetheia olivacea, Scott, Auk, x. p. 179.

Phonipara lepida, Sharpe, Cat. B. xii. p. 145.

Hab. An abundant resident in Jamaica. *Spermophila adoxa*, Gosse, (p. 253 Ill pl. 65.) seems to be the young of this species.

9. COTURNICULUS SAVANNARUM. Savanna-bird.

Coturniculus tixicrus, Gosse, p. 248, id. Ill. pl. 60.

Coturniculus passerinus, March, Pr. Ac. Ph. 1863. p. 298.

Ammodramus savannarum, Scott, Auk, x. p. 179: Sharpe, Cat. B. xii. p. 687.

Coturniculus savannarum, Newt. List, 1881, p. 105.

Hab. A north and Central American species, also resident in Jamaica.

10. PYRRHULAGRA RUFICOLLIS. Red-necked Coffee-bird.

Pyrrhula violacea, Gosse, p. 259, id. Ill. pl. 66: .

Loxigilla violacea, Sel. P.Z.S. 1861, p. 74: March, Pr. Ac. Ph. 1863, p. 297: Newt. p. 104: Scott, Auk, x. p. 180: Sharpe, Cat. B. xii. p. 82.

Pyrrhula robinsoni, Gosse, op. cit. p. 259, id. Ill. pl. 67.

Pyrrhulagra violacea ruficallis, Ridgw. B.N.A. i. p. 552.

Hab. Jamaica, resident, represented in the Bahamas, St. Domingo, and other islands by closely allied forms.

11. PYRRHULAGRA ANOXANTHA. Yellow-backed Finch.

Spermophila anoxantha, Gosse, p. 247, id. Ill. pl. 62: March, Pr. Ac. Ph. 1863, p. 297: Selater, P. Z.S. 1861, p. 74: .

Loxigilla anoxantha, Newt. p. 104: Scott, Auk, x. p. 180: Sharpe, Cat. B. xii. p. 85.

Loxipasser anoxanthus, Ridgw. B.N.A. i. p. 546.

Hab. Jamaica, peculiar to the Island.

12. HEDYMELES LUDOVICIANUS. Lousianan Thick-bill.

Guiraca ludoviciana, Gosse, p. 259: Newt. p. 104.

Habia ludoviciana, Scott, Auk, x. p. 179

Hedymeles ludovicianus, Sharpe, Cat. B. xii. p. 58.

Hab. An occasional straggler, from N. America.

13. SYCALIS JAMAICÆ. Golden-crowned Canary.

Crithagra brasiliensis, Gosse, p. 245, id. Ill. pl. 61.

Sycalis brasiliensis, Sel. P.Z.S. 1861, p. 74.

Sicalis flaveola jamaicæ, Scott, Auk, x. p. 179.

Sycalis flaveola, subsp. *S. jamaicæ*, Sharpe, Cat. B. xii. p. 379.

Hab. Jamaica (Gosse), but said by some authorities to be descended from imported Canaries. It is more likely to be descended from imported specimens of *S. brasiliensis*, which is a common cage-bird.

Fam. TANAGRIDÆ.

The Tanagers are also a numerous Family, but are entirely confined to the New World. As many as 360 species are enrolled in the 'Catalogue of Birds.' Of these only four occur in Jamaica, and one of these four is somewhat doubtful

Spindalis is a well-marked genus restricted to the Antilles. *Pyrrhuphonia* is peculiar to Jamaica.

14. PYRRHUPHONIA JAMAICA.

Blue Quit.

Euphonia jamaica, Gosse, p. 238, id. Ill. pl. 59.: Sci. P.Z.S. 1861, p. 73:

March, Pr. Ac. Ph. 1863, p. 296: Newt. p. 104: Scott, Auk, x. p. 180.

Pyrrhuphonia jamaica, Sci. Cat. B. xi. p. 85.*Hab.* A common resident, peculiar to Jamaica.

15. SPINDALIS NIGRICEPHALA.

Cashew Bird.

Tanagra Zena, Gosse, p. 231, id. Ill. pl. 56:*Spindalis nigricephala*, Sci. P.Z.S. 1861, p. 74: March, Pr. Ac. Ph. 1863,

p. 296: Newt. p. 104: Scott, x. p. 180: Sci. Cat. B. xi. p. 166: Ridgw.

N.A.B. ii. p. 64.

Hab. Resident, peculiar to Jamaica, but with nearly allied representatives in other Islands.

16. PYRANGA RUBRA.

Scarlet Tanager.

Pyrranga rubra, Gosse, p. 235: March, Pr. Ac. Ph. 1863, p. 296: Newt.

List, 1881, p. 204: Sci. Cat. B. xi. p. 188.

Piranga erythromelas, Scott, Auk, x. p. 180.*Hab.* Apparently only an occasional visitor.

Fam. CÆREBIDÆ.

The Cærebidae are also a Neotropical Family, of which about 75 species are known. Two species only are found in Jamaica, and one of these (*Glossiptila*) is of rather uncertain position.

17. GLOSSIPTILA RUFICOLLIS.

Feather-tongue.

Tanagrella ruficollis, Gosse, p. 236, id. Ill. pl. 58.*Glossiptila ruficollis*, Sci. P.Z.S. 1861, p. 73: March, Pr. Ac. Sc., 1863, p. 296:

Newt. p. 204: Scott, Auk, x. p. 339 Sci. Cat. B. x. 1 p. 48.

Hab. Jamaica, resident in, and peculiar to Jamaica.

18. CERTHIOLA FLAVEOLA.

Jamaican Sugar-bird.

Certhiola flaveola, Gosse, B.J. p. 84, id. Ill. pl. 16: Sci. P.Z.S. 1861, p. 73:

March, Pr. Ac. Ph. 1863, p. 296: Newt. List, 1881, p. 105: Sci. Cat. B. xi. p. 43.

Cæreba flaveola, Scott, Auk, x. p. 339.

Hab. Resident in Jamaica and peculiar, but with slightly differentiated representatives in other Islands. A single specimen of *Cæreba cyanea* (see Scott, *l.s.c.*) has been taken in Jamaica, but may have been an escaped cage-bird.

Fam. TURDIDÆ.

The large and widely spread Family of Thrushes has four representatives in Jamaica. Two of these belong to the typical group of *Turdus*, the others are members of the purely American subfamily of Mocking-birds (*Mimus*) which are referred to the Wrens by some authorities, but in my opinion, are better placed in the present family.

[19. TURDUS JAMAICENSIS.

Glass-eyed Thrush.

Merula jamaicensis Gosse, B.J. p. 142, id. Ill. pl. 24: Scott Auk, x. p. 211.*Turdus jamaicensis*, Sci. P.Z.S. 1861, p. 142: March, Pr. Ac. Ph. 1863 p. 292:

Newt. p. 105: Seebohm, Cat. B.v. p. 208.

Hab. Resident; and peculiar to Jamaica.

20. TURDUS AURANTIUS.

Hopping Thrush.

Merula leucogonys, Gosse, p. 136: id. Ill. pl. 23: *Turdus aurantius*, Sci. P.Z.S. 1861, p. 70: March, Pr. Ac. Ph. 1883, p. 292.*Semimerula aurantia*, Baird, Rev. A. B. p. 34.*Merula aurantia*, Scott, Auk, x, p. 342: Seebohm, Cat. B. v. p. 247.*Hab.* Resident; peculiar to Jamaica.

21. MIMUS ORPHEUS.

Antillean Mocking Bird.

Mimus polyglottus, Gosse, p. 144: Hill Pr. Ac. Phil. 1863, p. 304.*Mimus orpheus*, March, Pr. Ac. Phil. 1883, p. 290: Sci. P.Z.S. 1861, p. 70:

Scott, Auk, x, p. 342: Sharpe, Cat. B. vi. p. 340:

Mimus polyglottos orpheus, Ridgw. B.N.A. iv. p. 231.*Hab.* Jamaica and the other Greater Antilles.

22. MIMUS HILLI.

Hill's Mocking-bird.

Mimus hilli, March, Pr. Ac. Phil. 1863, p. 291: Scott, Auk, x, p. 341 Sharpe, Cat. B. vi. p. 343.*Mimus gundlachi hilli*, Ridgw. B.N.A. iv. p. 244*Hab.* Peculiar to Jamaica; closely allied to *M. gundlachi* of Cuba.

Fam. MNIOTILTIDÆ.

The wood-warblers (Mniotiltidæ), which take the place of our Sylvians in the New World, form a large and important group, especially prevalent in the Nearctic Region, but mostly going south in Winter. Mr. Ridgway in the third volume of his 'North American Birds' estimated the total number of known species and subspecies of this Family at about 200. Of these about 20 may be placed in the Jamaican List, but nearly all of them are migrants, and pass through the Island on the vernal and autumnal migrations but do not stop to breed.

23. SIURUS AURICAPILLUS Gold-crowned Water-thrush.
Seiurus auricapillus, Gosse, p. 152:
Henicocichla auricapilla, Sel. P.Z.S. 1861, p. 70:
Seiurus auricapillus, March, Pr. Ac. Ph. 1863, p. 294:
Siurus auricapillus Newt. p. 105: Scott, Auk x. p. 341: Sharpe, Cat. Birds x. p. 339: Ridgw. B.N.A. ii. p. 635.
Hab. An occasional winter-visitor to Jamaica from North America.
24. SIURUS NOVEBORACENIS, New York Water-thrush.
Seiurus noveboracensis, Gosse, p. 151, id. Ill. pl. 28:
Henicocichla noveboracensis, Sel. P.Z.S. 1861, p. 70:
Seiurus noveboracensis, March, Pr. Ac. Ph. 1863, p. 294; Newt. p. 294; Scott. Auk, x. p. 341: Ridgw. B. N.A. ii. p. 642.
Siurus nævius, Sharpe, Cat. B. x. p. 343.
Hab. A scarce winter-visitor from the north.
25. SIURUS MOTACILLA, Louisiana Water-thrush
Siurus motacilla, Newt. p. 105.
Henicocichla motacilla, Sel. P.Z.S., 1861, p. 70.
Siurus motacilla, Scott, Auk, x. p. 341: Sharpe, Cat. B. x. p. 342: Ridgw. B.N.A. ii. p. 639.
Hab. An occasional visitor in winter from the north.
26. MNIOTILTA VARIA. Black and White Tree-warbler.
Mniotilta varia, Gosse p. 134: Sel. P.Z.S. 1861, p. 76: March, Pr. Ac. Ph. 1863, p. 293: Newt. p. 105: Scott, Auk x. p. 340: Sharpe, Cat. B. x. p. 251: Ridgw. B.N.A. ii. p. 432.
Hab. A winter visitant from the north, not uncommon.
27. PARULA AMERICANA. Blue Yellow-backed Tree warbler.
Parula americana, Gosse p. 154: Sel. P.Z.S. 1861, p. 70: March, Pr. Ac. Phil. 1863, p. 298: Newt. p. 105: Sharpe, Cat. B. x. p. 256.
Compsothypis americana, Scott, Auk, x. p. 340: Ridgw. B.N.A. ii. p. 481.
Hab. A regular winter-visitant to Jamaica from the north.
28. HELMINTHOTHERUS VERMIVORUS. Pennsylvanian Swamp-Warbler.
Vermivorus pennsylvanicus, Gosse, B.J. p. 150: March, Pr. Ac. Phil. 1863 p. 298.
Helminthotherus vermivorus, Newt. p. 105: Scott. Auk, x. p. 340: Sharpe, Cat. B. x. p. 230: Ridgw. B.N.A. x. p. 438.
Hab. A regular winter visitant, from the north, but scarce.
29. HELONÆA SWAINSONI. Swainson's Swamp-warbler.
Helonæa Swainsoni, Newton P.Z.S. 1879 p. 552:
Helminthotherus swainsoni, Newt. p. 105: Sharpe, Cat. B. x. p. 232.
Helinaia swainsoni, Scott, Auk, x. p. 340: Ridgw. B.N.A. x. p. 436.
Hab. North America. A rather scarce winter visitant to Jamaica.
30. DENDRÆCA FIGRINA. Cape-May Wood-warbler.
Certhiola maritima, Gosse, p. 87, id. Ill. pl. 17:.
Dendræca tigrina, Sel. P.Z.S. 1861, p. 71: March, Pr. Ac. Phil. 1863, p. 293: Scott, Auk, x. p. 340: Ridgw. B.N.A. ii. p. 537.
Perissoglossa aigrina, Newt. p. 105: Sharpe, Cat. B. x. p. 335.
Hab. A not uncommon winter visitant to Jamaica (Scott)
31. DENDRÆCA VIRENS, Black-throated Wood-warbler.
Dendræca virens Newt. P.Z.S. 1879, p. 522, id. List, p. 106: Scott, Auk, x. p. 341: Sharpe, Cat. B. x. p. 297: Ridgw. B.N.A. ii. p. 562.
Hab. An occasional winter visitant to Jamaica.
32. DENDRÆCA CÆRULESCENS Blue Wood-warbler.
Sylvicola canadensis, Gosse, p. 160.
Dendræca canadensis, Sel. P.Z.S. 1861, p. 70: March, Pr. Ac. Phil. 1863 p. 293.

Dendræca carulescens, Newt. p. 106: Scott, Auk, x. p. 340.

Sylvicola pannosa, Gosse, p. 162 id. Ill. pl. 37: Sci. P.Z.S. 1861, p. 71.

Hab. A rather common winter visitant from N. America.

33. *DENDRÆCA CORONATA*.

Myrtle Wood-warbler.

Sylvicola coronata, Gosse, B.J. p. 155.

Dendræca coronata, March, Pr. Ac. Phil. 1863, p. 292: Newt. p. 106: Scott, Auk, x. p. 340: Sharpe, Cat. B. x. p. 313: Ridgw. B.N.A. ii. p. 546.

Hab. A winter visitor from North America.

34. *DENDRÆCA PHARETRA*.

Arrow-head Wood-warbler.

Sylvicola pharetra Gosse, p. 163, id. Ill. p. 38

Dendræca pharetra, Sci. P. Z.S. 1861, p. 71: Newton, P.Z.S. 1879, p. 552, id. List p. 106: Scott, Auk, x. p. 340: Sharpe, Cat. B. x. p. 332: Ridgw. B.N.A. 618.

Hab. Apparently a distinct specie, peculiar to Jamaica, allied to *D. striata* (see Newton l.s.c.)

35. *DENDRÆCA STRIATA*.

Black-poll Warbler.

Dendræca striata Baird, Rev. A.B. p. 192: Newt. p. 106: Scott, Auk, x. p. 340: Sharpe, Cat. B. x. p. 325: Ridgw. B.N.A. ii. p. 595.

Hab. An occasional visitor to Jamaica in winter.

36. *DENDRÆCA EOA*.

Aurora Wood-warbler.

Sylvicola eoa, Gosse, p. 158 id. Ill. pl. 34,

Dendræca eoa, Baird, R.A.B. p. 195: Newt. p. 106: Scott, Auk, x. p. 340: Sharpe, Cat. B. x. p. 266.

Hab. Dr. Sharpe "has no doubt" (after examining the typical specimens of this form in the British Museum which are the only ones known) that this form is a hybrid between *D. blackburniæ* and *D. æstiva* or *D. petechia*. But Mr. Ridgway (B.N.A. ii. p. 523) does not believe this to be possible.

37. *DENDRÆCA PETECHIA*.

Red-poll Wood-warbler.

Sylvicola æstiva, Gosse, 157.

Dendræca petechia, Sci. P.Z.S. 1861, p. 72: March Pr. Ac. Phil. 1863, p. 92: Newt. p. 106: Scott, Auk, x. p. 340: Sharpe, Cat. B. x. p. 277: Ridgw. B. N. A. ii. p. 515.

Hab. North America: in Jamaica, a constant resident (March)

38. *DENDRÆCA PALMARUM*.

Palm Wood-warbler.

Dendræca palmarum, Sci. P.Z.S. 1861, p. 70: Newton, p. 106: Scott, Auk, x. p. 340: Sharpe, Cat. B. x. p. 317.

Dendræca palmarum palmarum, Ridgw. B.N.A. ii. p. 612.

Dendræca palmarum hypochrysea, Ridgw. ibid. p. 615.

Hab. A winter visitor to Jamaica, not very common. One individual of the subspecies *D. p. hypochrysea* was observed by Mr. Scott.

39. *DENDRÆCA DOMINICA*.

Yellow-throated Wood-warbler.

Sylvicola pensilis, Gosse, B.J. p. 156, id. Ill. pl. 32.

Dendræca dominica, Baird, Rev. A.B. p. 209: Newt. p. 106: Scott, Auk, x. p. 340.

Dendræca superciliosa, March, Pr. Ac. Phil. 1863, p. 293.

Dendræca dominica albilora Scott, Auk, x. p. 340.

Hab. A winter visitant from the north, which may probably occasionally breed. Of 46 specimens procured by Mr. Scott, 22 belong to the subspecies *D. d. albilora*.

40. *DENDRÆCA DISCOLOR*.

Prairie Wood-warbler.

Sylvicola discolor, Gosse, B.J. p. 15.

Dendræca discolor Selater, P.Z.S. 1061 p. 71: March, Pr. Ac. Phil. 1863, p. 293: Newt. p. 106: Scott, Auk, x. p. 340: Sharpe, Cat. B. x. p. 307: Ridgw. B.N.A. ii. p. 607.

Hab. A rather common winter visitor to Jamaica and probably an occasional breeder there.

41. *GEOTHYLPIS TRICHAS*.

Maryland Yellow-throat.

Trichas marylandica, Gosse, p. 148.

Geothlypis trichas, Sci. P.Z.S. 1861 p. 70: March, Pr. Ac. Phil. 1863, p. 293: Newt. 166: Scott, Auk, x. p. 341: Sharpe, Cat. B. x. p. 351: Ridgw. B.N.A. x. p. 607.

Hab. A common winter visitant to Jamaica from the north.

42. WILSONIA MITRATA. Hooded Tree-warbler.

Myiodiodes mitratus, Newt. p. 106: Sharpe, Cat. B. x. 437

Sylvania mitrata Scott, Auk, x. p. 431:

Wilsonia mitrata, Ridgw. B.N.A. ii. p. 705.

Hab. An occasional visitor to Jamaica in winter.

43. SETOPHAGA RUTICILLA. American Redstart.

Setophaga ruticilla, Gosse B. J. p. 164: Sel. P.Z.S. 1861, p. 72: March, Pr. Ac.

Phil. 1863 p. 293: Newton, 1881, p. 106: Scott, Auk, x. p. 341: Sharpe,

Cat. B. x. p. 411: Ridgw. B.N.A. ii. p. 724.

Hab. A common winter visitant which may possibly breed in Jamaica occasionally.

Fam. VIREONIDÆ.

The Vireonidæ, or Greenlets, constitute another exclusively American Family of Passerine Birds, being perhaps most nearly allied to the Shrikes Laniidæ. In his new work on North and Middle American Birds Dr. Ridgway recognizes about 75 species and subspecies of this family and there are a few more that occur beyond his limits. Only three species of this group have been positively recognized in Jamaica, though it is probable that others may occur there during migration*. One of these three, however, is *Laetes osburni* a genus and species only found in Jamaica.

44. VIREOSYLVA CALIDRIS. Jamaican Greenlet.

Vireosylva altiloqua, Sel. P.Z.S. 1861, p. 72: March, Pr. Ac. Phil. 1863. p. 294.

Vireosylva calidris, Baird, R.A.B. p. 329: Newt. p. 106.

Vireo altiloquus, Scott, Auk, x. p. 339: Gadow, Cat. B. viii p. 293.

Vireosylva calidris calidris, Ridgw. B.N.A. iii. p. 137.

Hab. Resident in Jamaica, though in lesser numbers in summer.

45. VIREO MODESTUS. Plain Greenlet.

Vireo noveboracensis, Gosse, p. 192.

Vireo modestus, Sel. P.Z.S. 1860, p. 462: 1861, p. 72, pl. xiv. fig. 1: March, Pr. Ac. Phil. 1863, p. 294: Newt. p. 106: Scott, Auk, x. p. 339: Gadow,

Cat. B. vii. p. 303: Ridgw. B.N.A. iii. p. 200.

Hab. Jamaica, resident.

46. LAETES OSBURNI. Osburn's Greenlet.

Laetes osburni, Sel. P.Z.S. 1861, p. 70, pl. xiv. fig. 2: Newt. p. 106; Scott, Auk, x. p. 339: Gadow, Cat. B. viii. p. 313.

Hab. Resident in Jamaica and peculiar to the Island.

Fam. AMPELIDÆ.

Only one typical member of this family occurs occasionally in Jamaica, but in conformity with the Newtonian arrangement, I leave *Myiadectes* here, although I believe it to be more nearly allied to the Turdidæ.

47. AMPELIS CEDRORUM. American Wax-wing.

Ampelis carolinensis, Gosse, B.J. p. 197: March, Pr. Ac. Phil., 1863, p. 294: Newt. List, p. 107: Scott, Auk x. p. 339: Sharpe, Cat. B. x. p. 215:

Ridgw. B.N.A. iii. p. 109.

Hab. An occasional visitor from North America in severe winters..

48. MYIADECTES SOLITARIUS. Solitaire.

Solitaire, Gosse, p. 198.

Ptilogonys armillatus, Gray. Gen. Br. p. 281, pl. lxxix: Sel. P.Z.S. 1861, p. 73: March, Pr. Ac. Ph. 1863, p. 294:

Myiadectes solitarius, Baird, Rev. A.B. p. 421: Newt. p. 107: Scott, Auk, x. p. 341: Sharpe, Cat. B. vi. p. 369. Ridgw. B.N.A. iv. p. 174.

Hab. Highlands of Jamaica, resident, and peculiar to the Island.

Fam. HIRUNDINIDÆ.

The widely spread Family of Swallows is represented in Jamaica by five species one of which is peculiar to the Island. The other four are identical with, or closely allied to North American Species.

49. PROGNE DOMINICENSIS. Antillean Purple-Martin.

Progne dominicensis, Gosse, p. 69: March, Pr. Ac. Phil. 1863, p. 295: Newt. p. 107: Scott, Auk, x. p. 181: Sharpe, Cat. B. x. p. 176: Ridgw.

B.N.A. iii. p. 38.

Hab. Mostly a summer visitor to Jamaica, but a few remain in winter.

*See March Pr. Ac. Sc. Phil. 1863, p. 294

50. *HIRUNDO ERYTHROGAстра*. Red-bellied Swallow.
Hirundo erythrogastra, Newt. p. 107: Sharpe, Cat. B. x. p. 137: Ridgw. B. B.N.A. iii. p. 80.
Chelidon erythrogaster, Scott, Auk, x. p. 181.
Hab. An occasional visitor from North America.
51. *PETROCHELIDON PÆCILOMA*. Antillean Cliff-swallow.
Hirundo pæciloma, Gosse, p. 64.
Hirundo fulva, March, Pr. Ac. Ph. 1853, p. 295.
Petrochelidon fulva, Sel. P.Z.S. 1861, p. 72: Newt. p. 107: Sharpe, Cat. B. x. p. 195.
Petrochelidon pæciloma, Baird, Rev. A.B. p. 292.
Petrochelidon fulva pæciloma, Ridgw. B.N.A. iii. p. 54.
Hab. Resident, and breeding in the cliffs and in the walls of the towns of Jamaica.
52. *PETROCHELIDON EUCHRYSEA*. Golden Swallow.
Hirundo euchrysea, Gosse, p. 68, id. Ill. pl. 12.
Petrochelidon euchrysea, Sel. P.Z.S. 1861, p. 72.
Hirundo euchrysea, March, Pr. Ac. Phil. 1853, p. 295, : Sharpe, Cat. B. x. p. 170.
Hirundo (Callichelidon) euchrysea, Baird, R.A.B. p. 304.
Callichelidon euchrysea, Newt. p. 107.
Tachycineta euchrysea, Scott, Auk, x. p. 181.
Lamprochelidon euchrysea, Ridgw. B.N.A. iii. p. 101.
Hab. Mountains of Jamaica, resident, peculiar to Jamaica.
53. *COTYLE RIPARIA*. Sand-Martin.
Cotyle riparia, March, Pr. Ac. Phil. 1853, p. 296: Sharpe, Cat. B. x. p. 96
Clivicola riparia, Scott, Auk. x. p. 181.
Riparia riparia, Ridgw. B.N.A. iii. p. 72.
Hab. North America; an occasional visitor to Jamaica.

Fam. TYRANNIDÆ.

Of the Family Tyrannidæ, a large and varied group, absolutely restricted to the New World, where they probably perform the functions of the Muscicapidæ of the old World, about 550 species have been described. Of these only seven are, as yet, certainly known to occur in Jamaica, and all but one of these seven are peculiar to the Jamaican Avifauna, though some of them are nearly allied and representative forms of species which occur in the other islands of the Antilles.

54. *ELAINEA FALLAX*. Slater's Fly-snapper.
Elainea fallax, Sel. P.Z.S. 1861, p. 76: id. Cat. B. xiv. p. 147: Newt. p. 107: Scott, Auk, x. p. 178:
Elænia fallax, Ridgw. B.N.A. iv. p. 436.
Hab. Jamaica, resident, and peculiar to the Island.
55. *MYIOPAGIS COTTA*. Cotta Fly-snapper.
Elainea cotta, Gosse, p. 107, id. Ill. pl. 45: Sel. P.Z.S. 1861, p. 65: id. Cat. B. xiv. p. 149: March, Pr. Ac. Ph. 1863, p. 289: Newt. p. 107: Scott, Auk, x. p. 178.
Myiopagis cotta, Ridgw. B.N.A. iv. p. 404.
Hab. Resident in and peculiar to Jamaica.
56. *PITANGUS JAMAICENSIS*. Common Petchary.
Tyrannus caudifasciatus, Gosse, B.J. p. 177, id. Ill. pl. 44.
Pitangus caudifasciatus, Sel. P.Z.S. 1861, p. 76: March, Pr. Ac. Phil. 1863, p. 288: Newt. p. 107: Scott, Auk, x. p. 178: Sel. Cat. B. xiv. p. 179,
Tolmarchus jamaicensis, Ridgw. B. N. A. iv. p. 682.
Hab. Jamaica, resident and peculiar.
57. *BLACICUS PALLIDUS*. Buff-winged Flat-bill.
Myiarchus pallidus, Gosse, B.J. p. 266: id. Ill. pl. 40.
Blacicus pallidus, Sel. P.Z.S. 1861, p. 77: id. Cat. B. xiv. p. 243.: March, Pr. Ac. Phil. 1863, p. 288: Newt. List, p. 107: Scott, Auk. x. p. 178.
Ridgw. B.N.A. iv. p. 536.
Hab. Resident: peculiar to Jamaica.
58. *MYIARCHUS STOLIDUS*. Foolish Petchary.
Myiarchus stolidus, Gosse, B.J. p. 168: id. Ill. pl. 42: Sel. P.Z.S. 1861, p. 77: id. Cat. B. xiv. p. 260: March, Pr. Ac. Phil. 1863, p. 288.: Newt. List p. 107: Scott, Auk, x. p. 177: Ridgw. B.N.A. iv. p. 633.

Hab. Resident in and peculiar to Jamaica.

59. MYIARCHUS BARBIROSTRIS. Bearded Petchary.

Myiobius tristis, Gosse, p. 16, id. Ill. pl. 41:

Blacicus barbirostris, Sel. P.Z.S. 1871, p. 85.

Blacicus tristis, March, Pr. Ac. Ph. 1863, p. 290.

Blacicus barbirostris, Newt. List p. 108: Scott, Auk, x. p. 177: Sel. Cat. B. xiv. p. 244.

Hab. Jamaica, resident, peculiar.

60. TYRANNUS GRISEUS. Gray King-bird.

Tyrannus dominicensis, Gosse, B.J. p. 169.

Tyrannus griseus, March, Pr. Ac. Phil. 1863, p. 287: Newt. List, p. 108: Scott, Auk, x. p. 177: Sel. Cat. B. xiv. p. 271.

Hab. Greater Antilles and coasts of America; a summer-visitor to Jamaica.

Fam. COTINGIDÆ.

The Cotingas (Cotingidæ) are likewise a very characteristic Family of the Neogean Avifauna. They do not extend so far north and south as the Tyrants but range from Central America to Argentina. The typical forms bear a most gorgeous plumage but only two plain-coloured species occur in Jamaica. One of these belongs to the genus *Platypoar*, which has several representatives in South America, but the other (*Hylonax*) is confined to Jamaica, and has only recently been moved into this Family from the Tyrannidæ, with which it has been hitherto associated.

61. PLATYPSARIS NIGER. Black Beccard.

Tityra leuconotus, Gray et Mitch, Gen. B. pl. 63: Gosse, B. J. p. 187.

Pachyrhamphus niger, Sel. P.Z.S. 1857, p. 72.

Platypsaris niger, Sel. P.Z.S. 1861, p. 77: Ridgw. B.N.A. iv. p. 849.

Hadrostomus niger, March, Pr. Ac. Ph. 1863, p. 290: Newt. List, p. 108: Scott, Auk, x. p. 177: Sel. Cat. B. xiv. p. 334.

Hab. Highlands of Jamaica, resident, and peculiar.

62. HYLONAX VALIDUS. Lusty Wood-King.

Tyrannus crinitus, Gosse, p. 186.

Myiarchus validus, Sel. P.Z.S. 1861, p. 76, id. Cat. B. xiv. p. 252.: March, Pr. Ac. Phil. 1863, p. 288: Newt. List, p. 107: Scott, Auk, x. p. 177.

Tyrannula gossii, Bp. Consp. i. p. 189.

Hylonax validus, Ridgw. B.N.A. iv. p. 814.

Hab. Peculiar to Jamaica: Resident.

Fam. TROCHILIDÆ (Humming-birds.)

The Trochilidæ or Humming-birds of which about 500 species have been described, are entirely confined to the two Americas, and constitute one of the most prominent and peculiar forms of the Neogean Ornis. Only three species of Trochilidæ are met with in Jamaica, and two of these are restricted to that island, while the third is also found in Hispaniola and Porto Rico.

63. LAMPORNIS MANGO. Mango Humming-bird.

Lampornis mango, Gosse, p. 88, id. Ill. pl. 18: March, Pr. Ac. Phil. i. 1863: p. 284: Newt. List, p. 108: Scott, Auk, ix. p. 277: Salvin, Cat. B. xvi. p. 91.

Lampornis porphyryra, Sel. P.Z.S. 1861, p. 79.

Hab. Jamaica, resident, peculiar.

64. AITHURUS POLYTMUS. Long-tailed Humming-bird.

Trochilus polytmus, Gosse, p. 97, id. Ill. pl., 16, 17.

Polytmus cephalater, Sel. P.Z.S. 1861, p. 79.

Aithurus polytmus, March, Pr. Ac. Ph. 1863, p. 284: Newt. List, p. 108:

Scott, Auk, ix, p. 277: Salvin, Cat. B. xvi. p. 64.

Trocilus maria, Gosse, Ill. pl. 22 (?)

Hab. Jamaica, resident, peculiar.

65. MELLISUGA MINIMA. Vervain Humming-bird.

Mellisuga humilis, Gosse, p. 127, id. Ill. pl. 21.

Mellisuga minima, March, Pr. Ac. Phil. 1863, p. 284: Newt. List, p. 108: Scott, Auk, ix. p. 277: Salvin, Cat. B. xvi. p. 409.

Hab. Jamaica, resident, abundant; also found in Hispaniola and Porto Rico.

Fam. CYPSELIDÆ.

Three of the wide-ranging Family of Swifts have been met with in Jamaica. Of these, however, only one, the little Palm-swift, is resident, the other two being stragglers from the mainland of America.

66. *CYPSELUS PHENICOBIUS*. Palm Swift.
Tachornis phenicobius, Gosse, p. 58, id. Ill. pl. 9: Newt. p. 108: Hartert, Cat. B. xvi. p. 468.
Cypselus phenicobius, Sel. P.Z.S. 1865, p. 604:—March, Pr. Ac. Phil. 1863, p. 287: Scott, Auk, ix. p. 277: Sel. Bull. B. O. C. vol. xxiii, p. 71.
Hab. Jamaica, resident.
67. *CYPSELOIDES NIGER*. Black Swift.
Cypselus niger, Gosse, p. 63, id. Ill. pl. 10: March, Pr. Ac. Ph. 1863, p. 297
Cyrseoides niger, Newt. List, p. 108: Scott, Auk, ix. p. 276: Hart. Cat. B. xvi. p. 492
Nephæetes niger, Baird, Rev. A. B. p. 142.
Hab. N. America: an occasional visitor to Jamaica.
68. *CHÆTURA ZONARIS*. Collared Swift.
~~*Acanthyllis*~~ *collaris*, Gosse, p. 51, id. Ill. pl. 8.
Chatura collaris, Sel. P.Z.S. 1861, p. 79: March, Pr. Ac. Phil. 1863, p. 286.
Acanthyllis collaris, Newt. p. 208.
Hemiprocne zonaris, Scott, Auk, ix. p. 276.
Chætura zonaris, Hartert, Cat. B. xvi. p. 476.
Hab. Central and S. America, an occasional visitor to Jamaica.

Fam. CAPRIMULGIDÆ (Nightjars).

The Caprimulgidæ, or Nightjars, are a well marked and widely distributed group, more abundant in the tropics than elsewhere, and mostly nocturnal in their habits. In Jamaica they have 4 or 5 representatives, one of which (*Siphonorhis*) is of very peculiar structure, and is restricted to the Island.

69. *NYCTIBIUS JAMAICENSIS*. Large Potoo.
Nyctibius jamaicensis, Gosse, p. 61, Il. pl. 6.: Sel. P.Z.S. 1861, p. 77: March, Pr. Ac. Phil. 1883, p. 286: Newt. p. 108: Scott, Auk, ix, p. 275: Hartert Cat. B. xvi. p. 625.
Hab. South and Central America; resident in Jamaica.
70. *NYCTIBIUS PALLIDUS*. White-headed Potoo.
Nyctibius pallidus, Gosse, p. 69: id. Ill. pl. 7: Selater, PZ.S. 1866, p. 129: Scott, Auk, ix. p. 276.
Hab. Jamaica. A very doubtful species, based by Gosse on a drawing.
71. *CHORDEILES MINOR*. Lesser Night-hawk.
Chordeiles virginianus, Gosse, p. 33.
Chordeiles popetue, Newt. p. 108.
Chordeiles minor, Sel. P.Z.S. 1861, p. 77: March, Pr. Ac. Phil. 1883, p. 286: Newt. p. 109: Scott, Auk, ix, p. 276: Hartert, Cat. B. xvi. p. 64.
Hab. An occasional visitor to Jamaica in winter.
It seems doubtful whether the larger *C. virginianus* also occurs in Jamaica. March recognized both forms.
72. *CAPRIMULGUS CAROLINENSIS*. Chuck-wills-widow.
Antrostomus carolinensis, Sel. P.Z.S. 1866, p. 136: Newt. p. 109: Scott, Auk, ix. p. 276.
Caprimulgus carolinensis, Hart. Cat. B. xvi. p. 565.
Hab. N. America: an occasional visitor to Jamaica in winter.
73. *SIPHONORHIS AMERICANUS*. Long-nostrilled Night-jar.
Caprimulgus americanus, Linn. (ex Sloane).
Siphonorhis americanus, Sel. P.Z.S. 1861, p. 70: March, Pr. Ac. Phil. 1883, p. 386: Newt. List, p. 109: Scott, Auk, ix. p. 276: Hart. Cat. B. xvi. p. 592: Rothsch. Ext. B. p. 43 pl. 5, a.
Hab. Jamaica, but very rare, and possibly now extinct. Not known elsewhere.

Fam. CUCULIDÆ (Cuckoos).

The widely spread group of Cuckoos, which number some 175 species, according to the most recent authorities, is represented in Jamaica by five species, one of which, the sole member of its genus, is peculiar to the Island. Another belongs to a genus which is restricted to the Antilles, and is replaced in the adjoining islands by slightly modified forms.

74. *COC CYZUS AMERICANUS*. Carolina Cuckoo.
Coccyzus americanus, Gosse, B.J. p. 279: Sel. P.Z.S. 1866, p. 166: Newt. p. 109: Scott, Auk, ix. p. 274: Shelley, Cat. B. xix. p. 308.
Coccyzus dominicus, March, Pr. Ac. Phil. 1863, p. 154.
Coccyzus bairdi, Sel. P.Z.S. 1864, p. 120.
Hab. An occasional visitor in summer, and sometimes breeding in Jamaica.
75. *COC CYZUS MINOR*. Mangrove Cuckoo.
Coccyzus minor, Newt. p. 109: Sel. P.Z.S. 1866, p. 166: Scott, Auk, ix. p. 274: Shelley, Cat. B. xix. p. 304.
Coccyzus seniculus, Gosse, B.J. p. 281: March, Pr. Ac. Phil. 1863, p. 154.
Coccyzus nesiotus, Sel. P.Z.S. 1864, p. 121.
Hab. Central and S. America. Resident in Jamaica.
76. *HYETORNIS PLUVIALIS*. Rain-bird.
Coccyzus pluvialis, Gosse, p. 277, id. Ill. pl. 74: March, Pr. Ac. Phil. 1863, p. 283.
Hyetornis pluvialis, Sel. Cat. A.B. p. 321: Newt. List, p. 109: Scott, Auk, ix. p. 274: Shelley, Cat. B. xix. p. 372.
Hyetomantis pluvialis, Cab. J. F. O. 1862, p. 203.
Hab. Resident in, and peculiar to Jamaica.
77. *SAUROTHERA VETULA*. May-bird.
Saurothera vetula, Gosse, B.J. p. 273: March, Pr. Ac. Phil. 1863, p. 283: Newt. List, p. 109: Scott, Auk, ix. p. 273: Shelley, Cat. B. ix. p. 370.
Hab. Resident in and peculiar to Jamaica.
78. *CROTOPHAGA ANI*. Ani.
Crotophaga ani, Gosse, B.J. p. 282: March, Pr. Ac. Phil. 1863, p. 283: Sel. P. Z. S. 1861, p. 97: Newt. List, p. 109: Scott, Auk, ix. p. 273: Shelley, Cat. B. xix. p. 370.
Hab. South and Central America, extending into the Antilles, a common resident in Jamaica.

Fam. PICIDÆ (Wood-peckers)

Only two Wood-peckers are found in Jamaica. One of them is a member of a genus widely extended in North and South America, while the other is a not uncommon visitor in winter from North America. The paucity of this group in Jamaica is curious, as the Island is very well wooded, and nearly 400 species of Wood-peckers are known to exist.

79. *SPHYROPICUS VARIUS*. Yellow-bellied Wood-pecker.
Picus varius, Gosse, B.J. p. 270: March, Pr. Ac. Sc. Phil. 1863, p. 284.
Sphyropicus varius, Baird, B.N.A. p. 103: Newt. List, 109: Scott, Auk, ix. p. 275: Harg. Cat. Birds, xviii. p. 188.
Hab. North America. A not uncommon winter visitant to Jamaica.
80. *CENTURUS RADIOLATUS*. Radiolata Wood-pecker.
Centurus radiolatus, Gosse, B. J. p. 271: Sel. P.Z.S. 1861, p. 79: March, Pr. Ac. Phil. 1863, p. 284: Newt. List, p. 109: Scott, Auk, ix. p. Harg. Cat. Birds xviii. p. 166.
Hab. Resident in and peculiar to Jamaica.

Fam. ALCEDINIDÆ (King-fishers).

The only member of this family in Jamaica is a well known N. American species.

81. *CERYLE ALCYON*. Belted King-fisher.
Ceryle alcyon Gosse, B.J. p. 81: Sel. P.Z.S. 1861: March, Pr. Ac. Phil. 1863, p. 284: Newt. List, p. 109: Scott, Auk, ix. p. 274: Sharpe, Cat. B. xvii. p. 125.
Hab. North America. A common winter visitant to Jamaica.

Fam. TODIDÆ (Todies).

The Todies are one of the most characteristic groups of the Antillean Avifauna, allied to the Motmots on one side and the King-fishers on the other. They are confined exclusively to the four principal islands of the northern group, each of the four (Cuba, Jamaica, Hispaniola* and Porto Rico) having its own representative species.

*Sir Harry Johnston has lately proposed that "Hispaniola" should be employed as the name of the Island containing the republics of Haiti and St. Domingo, and I gladly adopt this excellent suggestion.

82. *TODUS VIRIDIS*.

Jamaican Tody.

Todus viridis, Gosse p. 72 id. Ill. pl. 14 Sci. P.Z.S. 1861: Newt. List, p. 109: Scott, Auk, p. 274: Sharpe, Cat. Birds xviii, p. 334.

Hab. Peculiar to Jamaica, but represented by the closely allied species *T. subulatus*, *T. multicolor* and *T. hypochondriacus* in Cuba, Hispaniola and Porto Rico.

Fam. PSITTACIDÆ (Parrots)

The Parrots, although much varying in structure, present peculiarities which allow them to be easily distinguished from all other birds so that most Systematists consider them as a separate Order of the Class 'Aves'. The Parrots are very numerous, especially within the tropics of both hemispheres, and more than 500 species have been described.

83. *CHRYBOTIS COLLARIA*.

Yellow-billed Amazon

Psittacus leucocephalus, Gosse, p. 269:

Chrysotis collaria, Sci. P.Z.S. 1861, p. 79: March, Pr. Ac. Phil. 1863, p. 284 Newt. p. 110: Salvad. Cat. Birds, xx. p. 318.

Amazona collaria Scott, Auk, ix. p. 128.

Hab. Peculiar to Jamaica, but represented by allied species in the other Islands.

84. *CHRYBOTIS AGILIS*.

Black-billed Amazon.

Psittacus agilis, Gosse, p. 110:

Chrysotis agilis, Sci. P.Z.S. 1861, p. 69: March, Pr. Ac. Phil. 1883, p. 284: Newt. p. 110.

Amazona agilis Scott, Auk, ix. p. 128.

Hab. Peculiar to Jamaica.

85. *CONURUS NANUS*.

Yellow-bellied Parrot.

Conurus flaviventer, Gosse, B. J. p. 263.

Conurus nanus Sci. P.Z.S. 1861 p. 79: March, Pr. Ac. Phil. p. 284: Newt. p. 110- Scott, Auk, ix. p. 128, Salvad. Cat. Birds, xx. p. 319.

Hab. Peculiar to Jamaica.

86. *ARA GOSSII*

Jamaican Macaw.

Ara tricolor? Gosse, B. J., p. 260: Scott, Auk, ix. p. 129:

Ara gossei, Rothschild, Extinct Birds, p. 56, pl. ii.

Hab. Peculiar to Jamaica, but almost, if not quite extinct.

Fam. STRIGIDÆ (Owls.)

Only two of the widely diffused groups of Owls, of which some 200 species are known, are met with in Jamaica. One of these is the American form of our Barn-owl, the other is an Eared Owl, so far as is known at present, restricted to the Island.

87. *STRIX PRATINCOLA*.

American Barn-owl.

Strix pratincola, Gosse, B. J., p. 23: March, Pr. Ac. Phil. 1863, p. 153:

Aluco pratincola, Newt. List, p. 111.

Strix flammea furcata, Scott, Auk, ix. p. 127.

Strix flammea, Sharpe, Cat. Birds ii. p. 291.

Hab. Widely distributed in America; resident in Jamaica (Gosse).

88. *ASIO GRAMMICUS*.

Lettered Owl.

Ephialtes grammicus, Gosse, B.J. p. 19, pl. 4.

Pseudoscops grammicus. Sci. P.Z.S. 1861, p. 80: March, Pr. Ac. Phil. 1863, p. 153: Newt. List, p. 88: Scott, Auk ix p. 117.

Asio grammicus, Sharpe, Cat. Birds ii. p. 242.

Hab. Resident in Jamaica, and, so far as is known, peculiar to the Island.

Fam. PANDIONIDÆ (Ospreys)

The sole representative of the ubiquitous Osprey occurs occasionally in Jamaica.

89. *PANDION HALIAETUS*.

Osprey.

Pandion carolinensis Gosse, B.J. p. 19:

Pandion haliaetus, Newt. List, p. 109:

Pandion haliaetus carolinensis, Scott, Auk, ix. p. 127: Sharpe, Cat. B. i. p. 449

Hab. Coasts of Jamaica, not very common.

FALCONIDÆ (Falcons)

Although more numerous than the Owls the Diurnal Birds of Prey are by no means abundant in Jamaica. Of some 400 species of Falconidæ now recognized only five have been met with in the island. Four of these are North American Birds, two of which are permanently resident and breeders. The fifth is a straggler from the mainland.

90. *FALCO PEREGRINUS* Peregrine Falcon.
Falco anatum, Gosse, B.J. p. 16.
Falco peregrinus, Newt. List, p. 110.
Falco peregrinus anatum Scott, Auk, ix. p. 127.
Falco communis, Sharpe, Cat. B. i. p. 376.
Hab. Widely distributed in America, a pair being found occasionally on the coast of Jamaica.
91. *FALCO COLUMBARIUS*. American Merlin.
Falco columbarius, Gosse, B.J. p. 17: Newt. p. 110: Scott, Auk, ix. p. 127: Sharpe, Cat. B. i. p. 408.
Hypotriorchis columbarius, Sel. P. Z. S. 1861, March, Pr. Ac. Phil. 1863, p. 132.
Hab. North America: resident in Jamaica
92. *BUTEO BOREALIS*. Red-tailed Buzzard.
Buteo borealis, Gosse, p. 19, id. Ill. pl. 2: Newt, p. 110: Scott. Auk, ix. p. 127: Sharpe, Cat. B. i. p. 188.
Hab. A North American species, found all over Jamaica.
93. *URUBITINGA ANTHRACINA*.
Morphnus urubitinga, Gosse, p. 19.
Urubitinga anthracina, Scott, no. 114: Sharpe, Cat. i. p. 216.
Hab. Central and South America: Said to have been observed by Mr. Hill (Gosse.)
94. *ELANOIDES FURCATUS*. Swallow-tailed Kite.
Naclerus furcatus. Gosse p. 19: Newt. List, p. 110: March, Pr. Ac. Sc. Phil. 1863, p. 158.
Elanoides furcatus, Scott, Auk. ix. p. 126: Sharpe, Cat. B. i. p. 317.
Hab. A North American species of occasional occurrence in Jamaica.

Fam. CATHARTIDÆ Turkey-Buzzards.

The "American Vultures," as they are commonly called, are so different in material points of structure from the Vultures of the Old World, that they ought not to be called by the same vernacular name. About six (distinct) species of this group are known, of which two occur in Jamaica. The red-headed Turkey-Buzzard is a well-known scavenger, and one of the most abundant birds in the Island.

95. *CATHARTES AURA*. Red-headed Turkey-Buzzard.
Cathartes aura, Gosse, p. 1: March, Pr. Ac. Phil. 1863. p. 151: Newt. p. 112: Scott, Auk, ix. p. 126:
Ænops aura, Sharpe. Cat. B. i. p. 25.
Hab. North and South America; abundant and breeding in Jamaica.
96. *CATHARTES ATRATUS*. Black-headed Turkey-Buzzard
Cathartes atratus March, Pr. Ac. Sc. Phil. 1863, p. 151: Newt. List, p. 112:
Catharista atrata, Scott, Auk, ix p. 126.
Catharistes atratus, Sharpe, Cat. B. i. p. 24
Hab. North and South America, occasionally met with in Jamaica.

Fam. ARDEIDÆ (Hérons).

The Herons, as regards species, are well represented in the Jamaican Avifauna, though they are not in most cases, individually very plentiful. The twelve species of the Island are all enumerated in the American 'Check-list,' but most of them are casual stragglers in Jamaica.

97. *ARDEA HERODIAS*. Great Blue Heron.
Ardea herodias, Gosse. B.J. p. 346: March. Pr. Ac. Sc. Phil. 1863, p. 63: Sel. P.Z.S. 1861, p. 81: Newt. List, p. 111: Scott, Auk, ix. p. 9: Sharpe, Cat. B. xxvi., p. 80
Hab. N. America, 'not uncommon in Jamaica.'

98. *ARDEA OCCIDENTALIS*. Great White Heron.
Ardea occidentalis, March, Pr. Ac. Phil. 1864, p. 63: Newt. p. 111: Scott, Auk, ix. p. 10: Sharpe, Cat. B. xxvi. p. 84.
Ardea wurdemanni, March, op. cit. p. 64 (?)
 Hab. North America, an occasional visitor to Jamaica.
99. *ARDEA EGRETTE*.
Herodias egretta, Sel. P.Z.S. 1861, p. 80: March, Pr. Ac. Ph. 1864, p. 63: Newt. p. 111: Scott, Auk, xi. p. 10: Sharpe, Cat. B. xxvi. p. 95.
Egretta leuce, Osburn, Zool. p. 6,932,
 Hab. N. America, an occasional visitor to Jamaica.
100. *ARDEA CANDIDISSIMA*. American Little Egret.
Egretta candidissima, Gosse, p. 336. Sel. P.Z.S. 1861, p. 81: March, Pr. Ac. Ph. 1864, p. 63: Newt. List. p. 111: Scott, Auk, ix. p. 10.
Leucophoyx candidissima, Sharpe, Cat. B. xxvi. p. 174.
 Hab. N. America; an occasional visitor to Jamaica in winter.
101. *ARDEA RUFA*. Reddish Egret.
Demiegretta rufa, March, Pr. Ac. Phil. 1864, p. 63.
Ardea rufa, Newt. List, p. 111: Scott, Auk, ix. p. 10.
Dicromanassa rufa, Sharpe, Cat. B. xxvi, p. 106.
 Hab. N. America; an occasional visitor to Jamaica.
102. *ARDEA LUDOVICIANA*. Lousianan Egret.
Egretta ruficollis, Gosse, p. 338, id. Ill. pl. 93:
Ardea ludoviciana, Newt. List, p. 111: Scott, Auk, ix. p. 10.
Demiegretta ludoviciana, March, Pr. Ac. Phil. 1864, p. 63.
Ardea tricolor ruficollis, Scott, Auk, ix. p. 10:
Dichromanassa rufa, Sharpe, Cat. B. xxvi. p. 106.
 Hab. North American; "the commonest Heron in Jamaica," (Taylor).
103. *ARDEA CÆRULEA*. Little Blue Egret.
Egretta cærulea, Gosse, p. 337.
Florida cærulea, Sel. P.Z.S. 1861, p. 81: March, Pr. Ac. Phil. 1864, p. 62.
 Sharpe, Cat. B. xxvi. p. 100.
Ardea cærulea, Newt. p. 111: Scott, Auk, ix. p. 10.
Egretta nivea, Gosse, p. 334 (jr.?) id. Ill. pl. 90.
 Hab. N. America, common in Jamaica (Scott).
104. *BUTORIDES VIRESCENS*. Green Gaulin.
Herodias virescens, Gosse, p. 340.
Butorides virescens, March, Pr. Ac. Phil. 1864, p. 64: Newt. List, p. 111: Sharpe, Cat. B. xxvi. p. 186.
Ardea virescens, Scott, Auk, ix. p. 10.
 Hab. N. America; common and resident in Jamaica.
105. *ARDETTA EXILIS*. American Little Bittern
Ardeola exilis, Gosse, B.J. p. 346:
Ardetta exilis, Sel. P.Z.S. 1861, p. 81: March, Pr. Ac. Phil. 1864, p. 64: Newt. List, p. 111: Sharpe, Cat. B. xxvi. p. 231.
Botaurus exilis, Scott, Auk. ix. p. 9.
 Hab. North America, occasional in Jamaica.
106. *BOTAURUS LENTIGINOSUS*. American Bittern.
Botaurus minor, Gosse, p. 346.
Botarus lentiginosus March, Pr. Ac. Ph. 1864, p. 65: Newt. p. 111: Scott, Auk, ix. p. 9: Sharpe, Cat. B. xxvi. p. 259.
 Hab. N. America; an occasional visitor to Jamaica.
107. *NYCTICORAX GARDENI*. American Night-heron.
Nycticorax americanus, Gosse, p. 314.
Nyctiardea gardeni, March, Pr. Ac. Phil. 1864, p. 65.
Nycticorax gardeni, Newt. p. 111.
Nycticorax nycticorax navius, Scott, Auk, ix. p. 10.
Nycticorax nycticorax, Sharpe, Cat. B. xxvi. p. 146.
 Hab. N. America; occasionally found in Jamaica.
108. *NYCTICORAX VIOLACEUS*. Yellow-crowned Night-heron.
Nycticorax violaceus, Sel. P.Z.S. 1861, p. 81 March, Pr. Ac. Phil. 1864; p. 65, Newt. p. 111: Scott, Auk, ix. p. 11.
Nyctianassa violacea, Sharpe, Cat. B. xxvi. p. 130.
 Hab. Central and South America: "common in the extensive mangrove swamps of Jamaica." (Taylor).

Fam. PLATALEIDÆ. (Spoonbills).

One of the small family of Spoon-bills which numbers about 6 species, is the sole representative of this peculiar group in the New World, and occasionally visits Jamaica.

109. PLATALEA AJAJA.

Roseate Spoonbill.

Platalea ajaja, Gosse, p. 346: March, Pr. Ac. Phil. 1864, p. 65: Newt. p. 65:

Ajaja ajaja, Scott, Auk, ix. p. 9: Sharpe, Cat. B. xxvi. p. 52.

Hab. Central and South America Of occasional occurrence in Jamaica.

Fam. IBIDIDÆ. (Ibises).

The Ibises of which some 30 species are known, are found in the warmer portions of both hemispheres. Two of them occasionally visit Jamaica.

110. EUDOCIMUS RUBER.

Scarlet Ibis.

Ibis rubra, Gosse, p. 346: March, Pr. Ac. Phil. 1864.

Eudocimus ruber, Newt. p. 112: Sharpe, Cat. B. xxvi. p. 41.

Guara rubra, Scott, Auk, ix p. 9.

Hab. Central and South America. Of occasional occurrence in Jamaica.

111. EUDOCIMUS ALBUS.

White Ibis.

Ibis alba, Gosse, B.J. p. 348: Denny, P.Z.S. 1847, p. 39.

Guara alba, Scott, Auk, ix. p. 9.

Eudocimus albus, Sharpe, Cat. B. xxvi. p. 41.

Hab. Central and South America: of occasional occurrence in Jamaica.

Fam. CICONIIDÆ (Storks).

The Storks a family of which about 15 species are known, are singularly few in the New World. Only three are found there, and only one of these is an occasional visitor to Jamaica.

112. TANTALUS LOCULATOR.

Tantalus loculator, Denny, P.Z.S. 1847, p. 39: Scott, Auk, ix. p. 9: Sharpe, Cat. B. xxvi. p. 321.

Hab. Central and South America: of occasional occurrence in Jamaica.

FREGATIDÆ. (Frigate-birds).

Only two species of this peculiar Family are known. One of these is said to be common on the south coast of Jamaica, where it breeds.

113. FREGATA AQUILA.

Greater Frigate-bird.

Fregata aquila, Gosse, p. 422: Scott, Auk, ix. p. 363: Grant, Cat. B. xxvi. p. 443.

Hab. Widely distributed in the tropical seas. Common on the coasts of Jamaica.

Fam. PHAETHONTIDÆ. (Tropic-birds).

The Tropic-birds form a small but very distinct Family of Totipalmate Birds allied to the Pelicans and Cormorants. One species is certainly met with on the coasts of Jamaica, but the occurrence of the second is perhaps a little doubtful. In the Catalogue of Birds six species of this group are recognized, all from the inter-tropical seas.

114. PHAETHON ÆTHEREUS.

Red-billed Tropic-bird.

Phaeton æthereus, Gosse, p. 430: Newt. p. 112: Grant, Cat. B. xxvi. p. 457.

Hab. A widely distributed oceanic bird: occasionally met with on the coast of Jamaica (Gosse) but perhaps not correctly identified.

115. PHAETHON FLAVIROSTRIS.

Yellow-billed Tropic-bird.

Phaethon flavirostris Scott, Auk, viii. p. 249, et p. 362.

Phaethon americanus, Grant, Cat. B. xxvi. p. 456.

Hab. American seas: north coast of Jamaica, resident and breeding (Scott).

Fam. SULIDÆ. (Gannets).

The Gannets are another small Family of oceanic birds scattered nearly all over the world. Three species out of the six recognized in the Catalogue of Birds have been recorded as met with on the coasts of Jamaica.

116. SULA LEUCOGASTRA.

Brown Booby.

Sula fusca, Gosse, B.J. p. 417.

Sula leucogaster, Newt. p. 112.

Sula fiber, Gosse, p. 418 (?).

Sula sula, Scot, Auk, ix. p. 363: Grant, Cat. B. xxvi. p. 436.

Hab. Coasts of Jamaica (a widely distributed species).

117. *SULA PISCATOR* Black and White Booby.
Sula piscator, Gosse, B.J. p. 418: Newt. p. 112: Scott, Auk, ix. p. 362:
 Grant, Cat. B. xxvi. p. 432.
Sula parva, Gosse, l.c. (?).
Hab. Coasts of Jamaica (widely distributed).
118. *SULA CYANOPS*. Blue-faced Booby
Sula cyanops, Cory, B. of West Ind. p. 272: Scott, Auk, ix. p. 363: Grant,
 Cat. B. xxvi. p. 430.
Hab. Caribbean sea (a widely distributed species).

Fam. PELECANIDÆ (Pelicans).

About eight or nine species of the peculiar Family of Pelicans are known. They frequent the fresh and tidal waters of both hemispheres. One species occurs on the coasts of Jamaica.

119. *PELECANUS FUSCUS*. Brown Pelican.
Pelecanus fuscus Gosse, p. 409: Scott, Auk, ix. p. 112: Grant, Cat. B. xxvi.
 p. 475.
Hab. North and Central America: coasts of Jamaica (*Gosse*).

Fam. PHŒNICOPTERIDÆ (Flamingoes).

The Flamingoes, a small group of which seven species are known, are found in both hemispheres. The one North American representative of this peculiar Family breeds in the Bahamas, and occurs occasionally in Jamaica.

120. *PHŒNICOPTERUS RUBER*. Scarlet Flamingo.
Phœnicopterus ruber, Gosse, p. 390: March, Pr. Ac. Phil. 1864, p. 65: Newt.
 List, p. 365: Scott, Auk, ix. p. 365: Salvad. Cat. B. xxvii. p.
Hab. North America, occasional in Jamaica.

Fam. ANATIDÆ. (Ducks).

More than thirty species of the great Family of Anatidæ., have been recorded as occurring in Jamaica, but the large majority of these only visit the Island in winter, when driven southwards from their homes by the ungenial weather of Arctic America. The only Ducks really resident in Jamaica and regularly breeding there are the two Tree-ducks of the genus *Dendrocygna* and one of the Pond-ducks (*Nomonyx*).

121. *CHEN HYPERBOREUS*. Snow Goose.
Chen hyperboreus, Gosse, B.J. p. 408: Newt. List, p. 112: Scott, Auk,
 viii p. 365: Cory, B. W.I. p. 259: Salvad. Cat. B. xxvii. p. 84.
Anser hyperboreus, March, Pr. Ac. Phil. 1864, p. 70.
Hab. N. America, accidental in Jamaica, in winter (*Hill*).
122. *BRANTA CANADENSIS*. Canada Goose.
Anser canadensis, Gosse, B.J. p. 408: March, Pr. Ac. Phil. 1864, p. 70: Newt.
 List, p. 112.
Branta canadensis, Scott, Auk, viii. p. 365: Salvad. Cat. B. xxvii. p. 112.
Hab. N. America: an accidental visitor in winter to Jamaica (*Hill*).
123. *DENDROCYGNA ARBOREA*. Black-billed Whistling Duck.
Dendrocygna arborea, Gosse, B.J. p. 395: March, Pr. Ac. Phil. 1864, p. 10:
 Newt. p. 112: Scott, Auk, viii. p. 65: Salvad. Cat. B. xxvii p. 162.
Hab. Antilles: resident in Jamaica.
124. *DENDROCYGNA AUTUMNALIS*. Red-billed Whistling Duck.
Dendrocygna autumnalis, Gosse, p. 398: March, Pr. Ac. Ph. 1864, p. 70:
 Newton, p. 112: Scott, Auk, viii. p. 363: Salvad. Cat. B. xxvii. p. 159.
Hab. Central America. Resident in Jamaica, but not so common as
D. arborea.
125. *CAIRINA MUSCHATA*. Muscovy Duck.
Cairina moschata, Gosse, B.J. p. 408: March, Pr. Ac. Sc. Phil. 1864, p. 72:
 Newt. List, p. 112: Salvad. Cat. B. xxvii. p. 51.
Hab. South America; an occasional visitor to Jamaica (*Hill*).
126. *ANAS BOSCAS*. Common Wild Duck.
Anas boscas, Gosse, p. 408: March, Pr. Ac. Ph. 1864, p. 72: Newt. List,
 p. 113: Scott, Auk, viii. p. 363: Cory, B. of W. I. p. 262: Salvad. Cat.
 B. xxvii. p. 189.
Hab. N. America, accidental visitor to Jamaica.
Anas maxima (Gosse, B. J., p. 408, id. Ill. pl. 110) was probably founded
 on a hybrid.

127. *ANAS OBSCURA*. Dusky Duck.
Anas obscura, Gosse, p. 408: March, Pr. Ac. Sc. Phil. 1864, p. 72: Newt. p. 113: Scott, Auk, viii. p. 363: Salvad. Cat. Birds, xxvii p. 200.
Hab. North America, occasional in Jamaica.
128. *ANAS STREPERA*. Gadwall.
Chaulelasmus streperus, Gosse, p. 408: March, Pr. Ac. Phil. 1864, p. 72:
Anas strepera, Newt. p. 113: Scott, Auk, viii. p. 364: Salvad. Cat. B. xxvii. p. 221.
Hab. North America: a more or less regular visitor to Jamaica in winter.
129. *QUERQUEDULA CAROLINENSIS*. Green winged Seal.
Querquedula carolinensis Gosse p. 406: March, Pr. Ac. Phil. 1864, p. 72: Newt. p. 113.
Anas carolinensis, Scott, Auk, viii. p. 364.
Nettion carolinense, Salvad. Cat. Birds, xxvii. p. 250.
Hab. N. America; a winter-visitor to Jamaica (Gosse).
130. *QUERQUEDULA DISCORS*. Blue-winged Teal.
Cyanopterus discors, Gosse, p. 401: Sel. P.Z.S. 1861, p. 82: March, Pr. Ac. Phil. 1864, p. 71: Newt. p. 113: Salvad. Cat. B. xxvii. p. 299.
Anas discors, Scott, Auk, viii. p. 364.
Cyanopterus inornatus, Gosse, B.J. p. 402, id. Ill. pl. 111.
Querquedula inornata, March, Pr. Ac. Phil. 1864, p. 71: Newt. p. 113.
Hab. North America. Resident in Jamaica (Gosse).
131. *DAFILA ACUTA*. Pintail.
Dafila acuta, Gosse, p. 408: March, Pr. Ac. Phil. 1864, p. 71: Newt. p. 113: Scott, Auk, viii. p. 364: Salvad. Cat. B. xxvii. p. 270.
Hab. Northern Hemisphere. A frequent visitor to Jamaica in winter.
132. *DAFILA BAHAMENSIS*. Bahama Duck.
Pacilonetta bahamensis, Gosse, p. 308: March, Pr. Ac. Phil. 1864, p. 71.
Dafila bahamensis, Newt. p. 113.
Pacilonetta bahamensis, Salvad. Cat. B. xxvii. p. 282.
Hab. North and Central America; occasional in Jamaica.
133. *MARECA AMERICANA*. American Widgeon.
Mareca americana, Gosse, p. 408: March, Pr. Ac. Phil. 1864, p. 71: Newt. p. 113: Salvad. Cat. B. xxvii. p. 233.
Anas americana, Scott, Auk, viii. p. 363.
Hab. N. America; an occasional visitor to Jamaica in winter.
134. *SPATULA CLYPEATA*. Shoveler.
Rhynchaspis clypeata, Gosse, p. 408.
Spatula clypeata, Sel. P.Z.S. 1861, p. 82: March, Pr. Ac. Phil. 1864, p. 72: Newton, List, p. 113: Scott, Auk, viii. p. 364: Salvad. Cat. B. xxvii. p. 306.
Hab. Northern Hemisphere: an occasional winter-visitant to Jamaica.
135. *ÆX SPONSA*. Summer-duck.
Aix sponsa Gosse, p. 408: March, Pr. Ac. Ph. 1864, p. 72: Newt. p. 113: Scott, Auk, viii. p. 364:
Æx sponsa, Salvad. Cat. B. xxvii. p. 73.
Hab. North America; a rather scarce winter-visitor to Jamaica.
136. *FULIGULA AFFINIS*. American Scamp-Duck.
Fuligula affinis, Gosse p. 408 (Hill).
Fulix affinis, March, Pr. Ac. Phil. 1864, p. 71.
Nyroca affinis, Newt. p. 113.
Aythya affinis, Scott, Auk, viii. p. 364.
Fuligula affinis, Salvad. Cat. B. xxvii. p. 360.
Hab. North America. Of occasional occurrence in Jamaica in winter.
137. *FULIGULA COLLARIS*. Collared Duck.
Fuligula rufitorques, Gosse, p. 408.
Fulix collaris, March, Pr. Ac. Phil. 1864, p. 72.
Nyroca collaris, Newt. p. 113.
Aythya collaris, Scott, Auk, viii. p. 364.
Fuligula affinis, Salvad. Cat. Birds xxvii. p. 370.
Hab. North America. Of occasional occurrence in Jamaica in winter.

138. *FULIGULA AMERICANA*. American Pochard.
Fuligula americana, Gosse, B. J. p. 408.
Aythya americana, March, Pr. Ac. Phil. 1864, p. 72.: Scott, Auk, viii p. 364
Nyroca americana, Newt. p. 113: Salvad. Cat. B. xxvii. p. 340.
Hab. North America. A rather scarce winter visitor to Jamaica.
139. *FULIGULA FERRUGINEA*. White-eyed Duck.
Nyroca leucophthalma, Gosse, B. J., p. 408: March, Pr. Ac. Sc. Phil. 1864,
p. 72: Newt. p. 113.
Nyroca africana, Salvad. Cat. Birds, xxvii. p. 345.
Hab. Northern portion of the Old World. There is probably some error
about this Duck being in the List of Jamaican Birds, as it does not occur
in North America.
140. *FULIGULA VALLISNERIA*. Canvass-backed Duck.
Aythya valisneria, March, Pr. Ac. Phil. 1864, p. 72: Scott, Auk, viii. p. 364.
Nyroca valisneria, Newt., p. 113: Salvad. Cat. B. xxvii. p. 342.
Hab. N. America. An occasional winter-visitor to Jamaica.
141. *ÆDEMA PERSPICILLATA*. Surf Scoter.
Ædemia perspicillata, Gosse: March, Pr. Ac. Phil. 1864, p. 72: Newt. p. 113:
Scott, Auk, viii. p. 364: Salvad. Cat. Birds, xxvii. p. 412.
Hab. North America. Said to have occurred in Jamaica.
142. *NOMONYX DOMINICUS*. Spine-tailed Duck.
Erismatura spinosa, Gosse, p. 404:.
Erismatura rubida, Newt. p. 113.
Erismatura rubida, Gosse, B. J., p. 406, id. Ill. pl. 113.
Nomonyx dominicus, Scott, Auk, viii. p. 364: Salvad. Cat. Birds, xxvii.
p. 438.
Hab. North America. Resident in Jamaica (*Scott*).
143. *ERISMATURA JAMAICENSIS*. Ruddy Duck.
Enilismatura rubida, Scott. Auk, viii. p. 364.
Erismatura jamaicensis Salvad. Cat. B. xxvii. p. 445.
Hab. Tropical America. Occasionally found in Jamaica.

ORDER COLUMBÆ (Pigeons).

The large order of Pigeons, which embraces over 400 species, and is most numerous in the tropics, is represented in Jamaica by nine members. Three of these belong to the widely spread genus *Columba*, the others to genera restricted to the New Worlds.

The very remarkable Pigeon *Sturnænas cyanocephala* of Cuba, is stated to have been formerly found in Jamaica (cf. Scott, Auk, ix. p. 125), but there seems to be no certain evidence of its recent occurrence.

144. *COLUMBA LEUCOCEPHALA*. Baldpate Pigeon.
Columba leucocephala, Gosse, p. 99: March, Pr. Ac. Phil. 1863, p. 301: Newt.
p. 114: Scott, Auk, ix. p. 122: Salvad. Cat. Birds, xxi. p. 278.
Patagiænas leucocephala, Scl. P.Z.S. 1861, p. 80.
Hab. Central and South America; a common resident in Jamaica.
145. *COLUMBA CARIBÆA*. Ring-tailed Pigeon.
Columba caribæa, Gosse, p. 291: March, Pr. Ac. Phil. 1863, p. 301: Newt.
p. 114: Scott, Auk, ix. p. 122: Salvad. Cat. B. xxi. p. 293.
Patagiænas caribæa, Scl. P.Z.S. 1861, p. 80.
Hab. A common resident in Jamaica and other Antilles.
146. *COLUMBA INORNATA*. Blue Pigeon.
Columba rufina, Gosse, p. 296.
Chlorænas inornata, Scl. P.Z.S. 1861, p. 80.
Columba inornata, March, Pr. Ac. Phil. 1863, p. 301: Newt. p. 114: Scott,
Auk, ix., p. 122: Salvad. Cat. Birds, xxi. p. 284.
Hab. Jamaica and the other Greater Antilles.
147. *ZENAIDA AMABILIS*. Pea-dove.
Zenaida amabilis, Gosse, B.J. p. 307: Scl. P.Z.S. 1861, p. 80, March, Pr.
Ac. Phil. 1863, p. 302: Newt. p. 114: Salvad. Cat. B. xxi. p. 382.
Zenaida zenaida, Scott, Auk, ix. p. 123.

Hab. Jamaica and the other Antilles. There appears to have been some error about the locality of Gosse's 'Blue Partridge' (B.J. p. 324 *Zenaida plumbea*, id. Ill. pl. 85), which is a Brazilian species. (cf. Salvad. Cat. B. xxi., p. 379, 389.)

148. *MELOPELIA LEUCOPTERA*. White-winged Dove.
Turtur leucopterus, Gosse, p. 304:
Zenaida leucoptera, Sel. P.Z.S. 1861, p. 80:
Melopelia leucoptera, Newt. p. 114: March, Pr. Ac. Phil. 1863, p. 302:
 Scott, Auk, ix. p. 123; Salvad. Cat. Birds, xx. p. 392.
Hab. Central America and Antilles: common and resident in Jamaica.
149. *CHAMÆPELIA PASSERINA*. Passerine Ground-dove
Chamæpelis passerina, Gosse, B.J. p. 311: March, Pr. Ac. Phil. 1863, p. 302:
 Sel. P.Z.S. 1861, p. 80: Newt. p. 114: Salvad. Cat. B. xxi. p. 472.
Columbigallina passerina, Scott, Auk, ix. p. 123.
Hab. Antilles: a common resident in Jamaica.
- 150.. *LEPTOPTILA JAMAICENSIS*. White-bellied Dove.
Peristera jamaicensis, Gosse, p. 313.
Leptoptila jamaicensis, March, Pr. Ac. Phil. 1863, p. 302: Salvad. Cat. B. xxi. p. 557.
Engyptila jamaicensis, Newt. p. 114: Scott, Auk, ix. p. 123.
Hab. Jamaica; resident and common in some localities: peculiar to Jamaica.
151. *GEOTRYGON CRISTATA*. Blue Dove.
Geotrygon sylvatica, Gosse, B. J., p. 316: id. Ill. pl. 84.
Geotrygon cristata March, Pr. Ac. Phil. 1863, p. 300: Newt. p. 114: Scott, Auk, ix. p. 124: Salvad. Cat. Birds, xxi. p. 573.
Hab. Peculiar to Jamaica, said to be becoming extinct since the introduction of the Mongoose.
152. *GEOTRYGON MONTANA*. Partridge Dove.
Geotrygon montana, Gosse, p. 321: March, Pr. Ac. Phil. 1862, p. 300: Newton p. 114: Scott, Auk, ix. p. 125: Salvad. Cat. B. xxi. p. 567.
Hab. North and South America; resident in Jamaica.

Fam. RALLIDÆ (Rails).

There are five species of Rails found in Jamaica, all of which are likewise met with on the adjoining mainland. The Coot of Jamaica and the two Water hens have a similar distribution. Nearly 200 species of the Ralline Family are known. They are found in nearly every part of the earth's surface, and are remarkable for their wandering habits, though they have feeble powers of flight.

153. *RALLUS CARIBÆUS*. Caribee Rail.
Rallus longirostris, Gosse, p. 364: Newt. p. 114.
Rallus crepitans, Sel. P.Z.S. 1861, p. 81.
Rallus elegans, March, Pr. Ac. Phil. 1864, p. 69.
Rallus longirostris var *caribæus*, Ridgw. Bull. Nutt. Cl. v. p. 140.
Rallus longirostris subsp. j. *R. caribæus*, Sharpe, Cat. Birds xxiii. p. 13.
Hab. Jamaica and other Antilles.
154. *PORZANA CAROLINA*. Carolina Crake.
Ortygometra carolina, Gosse, p. 371:
Pozzana carolina, Sel. P.Z.S. 1861, p. 81: March, Pr. Ac. Phil. 1864, p. 69:
 Newt. p. 114: Scott, Auk, p. 11: Sharpe, Cat. B. xxiii. p. 97.
Hab. North America; Jamaica, commoner in winter.
155. *PORZANA CONCOLOR*. Red Crake.
Rallus concolor, Gosse, B.J. p. 369, id. Ill. pl. 102: March, Pr. Ac. Phil. 1864, p. 69.
Porzana concolor, Newt., p. 114: Scott, Auk, p. 11.
Amanrolimnas concolor, Sharpe, Cat. Birds, xxiii, p. 97.
Hab. Central and South America; Jamaica, resident (Gosse).
156. *PORZANA FLAVIVENTRIS*. Minute Crake.
Ortygometra minuta, Gosse, B.J. p. 372, id. Ill. pl. 104.
Crex minuta, Sel. P.Z.S. 1861, p. 81:
Porzana minuta, March, Pr. Ac. Phil. 1864
Porzana flaviventris, Sel. et Salv. P.Z.S. 1868, p. 455: Newt. p. 114: Scott, Auk, ix. p. 11: Salvad. Cat. Birds, xxiii. p. 110.
Hab. South America; occasional in Jamaica (Gosse).

157. *CRECISCUS JAMAICENSIS*, Little Black Crake.
Ortygometra jamaicensis Gosse, B.J., p. 375.
Porzana jamaicensis, Sel. P.Z.S. 1861, p. 81: March, Pr. Ac. Phil. 1864, p. 69. Scott, Auk, ix. p. 11.
Creciscus jamaicensis, Sharpe, Cat. B. xxiii. p. 135.
Hab. North and South America; resident in Jamaica (Gosse).
158. *GALLINULA GALEATA*, American Waterhen.
Gallinula galeata, Gosse, p. 381: Selater, P.Z.S., 1861, p. 81: March, Pr. Ac. Phil. 1864, p. 69: Newt. p. 115: Scott, Auk, ix. p. 12: Sharpe, Cat. B. xxiii. p. 177.
Hab. North and South America. A common resident in Jamaica.
159. *FULICA AMERICANA*, American Coot.
Fulica americana, Gosse, p. 384: Sel. P.Z.S. 1861, p. 81: March, Pr. Ac. Phil. 1864, p. 69: Newt. p. 115: Scott, Auk, ix. p. 12: Sharpe, Cat. B. xxiii. p. 221.
Hab. North and Central America. A common resident in Jamaica.
160. *PORPHYRIOLA MARTINICA*, American Purple Waterhen.
Porphyrio martinicus, Gosse, p. 377: Sel. P.Z.S. 1861, p. 8. Newt. p. 115.
Gallinula martinica, March, Pr. Ac. Phil. 1864, p. 69.
Jopornis martinica, Scott, Auk, ix. p. 12.
Porphyriola martinica, Sharpe, Cat. B. xxiii. p. 189.
Hab. Central and South America; not uncommon in Jamaica (Gosse).

Fam. ARAMIDÆ (Courlans)

This well marked form which is generally held to be intermediate between the Cranes and the Rails, contains only one genus in which there are two closely allied species. One of these was formerly found in Jamaica as a rather scarce resident, but is now nearly, if not quite extinct.

161. *ARAMUS GIGANTEUS*, Northern Courlan.
Aramus scolopaceus, Gosse, p. 355:
Aramus giganteus, Baird, B.N.A. p. 657: Sel. P.Z.S. 1861, p. 81: Newt. p. 115.
Nothrodicus holostictus, Cat. J.f.o. 1856, p. 426.
Aramus pictus, Sharpe, Cat. B. xxiii. p. 238.
Hab. North and South America: Jamaica formerly abundant, now nearly extinct.

Fam. CHARADRIIDÆ (Plovers)

Nine members of the great Family Charadriidæ have been recorded as found in Jamaica, and the list will probably be added to by future observers. They are mostly winter visitors from the north, but two or three of them occasionally nest in Jamaica.

162. *SQUATAROLA HELVETICA*, Grey Plover.
Squatarola helvetica, Gosse p. 333: March, Pr. Ac. Phil. 1864, p. 66: Newt. p. 115: Sharpe, Cat. B. xxiv. p. 182.
Charadrius squatarola, Scott, Auk, ix. p. 14.
Hab. Northern hemisphere; an occasional winter visitor to Jamaica.
163. *CHARADRIUS DOMINICUS*, American Golden Plover.
Charadrius virginianus, Gosse, p. 333: March, Pr. Ac. Phil. 1864, p. 241:
Charadrius dominicus, Newt. p. 115: Scott, Auk, ix. p. 14: Sharpe, Cat. B. xxiv. p. 195.
Hab. America; an occasional visitor to Jamaica in winter.
164. *ÆGIALITIS WILSONI*, Wilson's Shore-plover.
Ægialitis melodus, Gosse, p. 330.
Ægialitis wilsonius, March, Pr. Ac. Sc. Phil. 1864, p. 66: Newt. p. 330.
Ægialitis meloda, Scott, Auk, ix. p. 15.
Ochthodromus wilsoni, Sharpe, Cat. B. xxiv. p. 214:
Hab. North America; a regular winter visitor to Jamaica.
165. *ÆGIALITIS SEMIPALMATA*, Semipalmated Shore-plover.
Ægialitis semipalmata, Gosse, p. 333: March, Pr. Ac. Sc. Phil. 1864, p. 66: Newt. p. 115: Scott, Auk, ix. p. 15.
Ægialeus semipalmatus, Sharpe, Cat. B. xxiv. p. 250.
Hab. North America; resident in Jamaica, and breeding there.

166. *ÆGIALITIS VOCIFERA*. Killdeer Plover.
Ægialitis vocifera, Gosse, p. 330: March, Pr. Cc. Phil. 1864, p. 66: Newt. p. 115: Scott, Auk. ix. p. 15:
Oxyechus vociferus, Sharpe, Cat. B. xxiv. p. 242.
Hab. North America; resident in Jamaica and breeding there.
167. *STREPSILAS INTERPRES*. Turnstone.
Strepsilas interpres, Gosse, p. 333: March, Pr. Ac. Phil. 1864, p. 66: Newt. p. 118.
Arenaria interpres, Scott, Auk. ix. p. 115: Sharpe, Cat. B. xxiv. p. 91.
Hab. Cosmopolitan: found in flocks on the shores of Jamaica in winter.
168. *RECURVIOSTRA AMERICANA*. American Avocet.
Recurvirostra americana, Gosse, B. J., p. 389, Newt, p. 119: March, Pr. Ac. Sc. Phil. 1864, p. 67: Scott, Auk, ix. p. 12: Sharpe, Cat. B. xxiv. p. 330.
Hab. North America; an occasional visitor to Jamaica in winter.
169. *HIMANTOPUS NIGRICOLLIS*. Black-necked Stilt.
Himantopus nigricollis, Gosse, B. J. p. 186: id. Ill. pl. 108: March, Pr. Ac. Phil. 1864, p. 67: Newt. List, p. 113.
Himantopus mexicanus, Scott, Auk. ix. p. 12: Sharpe, Cat. B. xxiv. p. 320.
Hab. North America; a not uncommon visitor to Jamaica in winter.

Fam. SCOLOPACIDÆ (Snipes)

The members of the Snipe Family, like the Plovers, are not in any case permanent residents in Jamaica, but more or less occasional winter visitors. At present about 17 of them have been registered in Jamaica, but the list will probably be augmented when fresh observers take up the work of looking after the birds.

170. *BARTRAMIA LONGICAUDA*. Bartram's Sandpiper.
Actiturus bartramius, March, Pr. Ac. Sc. Phil. 1864, p. 67:
Bartramia longicauda, Scott, Auk, ix. p. 14: Sharpe, Cat. B. xxiv. p. 509.
Hab. N. America; a scarce straggler in Jamaica.
171. *TRINGOIDES MACULARIUS*. Spotted Sandpiper.
Actitis macularius, Gosse, B.J. p. 349: Scott, Auk, ix. p. 14.
Tringoides macularius, Sel. P.Z.S. 1861, p. 80: Newt. List, p. 113.
Hab. N. America, visiting Jamaica in winter and sometimes remaining to nest.
172. *TOTANUS SOLITARIUS*. Solitary Sandpiper.
Totanus chloropygius, Gosse, B. J., p. 350.
Rhyacophilus solitarius, Sel. P.Z.S. 1861, p. 80: March, Pr. Ac. Sc. Phil. 1864, p. 67: Newt. p. 115.
Totanus solitarius, Scott, Auk, ix. p. 14.
Helodromas solitarius, Sharpe, Cat. B. xxiv. p. 444.
Hab. North America; a common winter visitor to Jamaica.
173. *TOTANUS FLAVIPES*. Yellow-legged Sandpiper.
Totanus flavipes Gosse, p. 351: Newt. p. 116: Scott, Auk, ix. Sharpe, Cat. B. xxxv. p. 431.
Gambetta flavipes, March, Pr. Ac. Sc. Phil. 1864, p. 68:
Hab. North America; a regular winter visitor to Jamaica.
174. *TOTANUS MELANOLEUCUS*. Tell-tale Sandpiper.
Totanus melanoleucus, Gosse, p. 352: Newt. p. 116: Scott, Auk. ix. p. 13: Sharpe, Cat. B. xxviii. p. 426.
Gambetta melanoleuca, Sel. P.Z.S. 1861, p. 80: March, Pr. Ac. Sc. Phil. 1864, p. 68.
Hab. North America; a regular winter visitor to Jamaica.
175. *SYMPHEMIA SEMIPALMATA*. Semipalmated Sandpiper.
Catoptrophorus semipalmatus, Gosse, p. 354.
Symphemia semipalmata, March, Pr. Ac. Sc. Phil. 1864, p. 67, Newt. p. 116: Scott, Auk, ix. p. 14: Sharpe, Cat. B. xxiv. p. 405.
Hab. N. America; a casual winter visitor to Jamaica.
176. *NUMENIUS LONGIROSTRIS*. Long-billed Curlew.
Numenius longirostris, Gosse, p. 348: March, Pr. Ac. Sc. Phil. 1864, p. 68: Newt. p. 116: Scott. Auk, ix. p. 14: Sharpe, Cat. B. xxiv. p. 352.
Hab. North America: a casual visitor to Jamaica.

177. *MICROPALAMA HIMANTOPUS*. Stilt Sandpiper.
Micropalama himantopus, March, Pr. Ac. Sc. Phil. 1864, p. 67: Newt. p. 161:
 Scott, Auk. ix. p. 13: Sharpe, Cat. B. xxiv. p. 401.
Hab. North America; a casual visitor to Jamaica.
178. *CALIDRIS ARENARIA*. Sanderling.
Calidris arenaria, Gosse, p. 354, March, Pr. Ac. Phil. 1864, p. 67: Newt. p.
 116: Scott, Auk, ix. p. 13: Sharpe, Cat. B. xxiv. p. 526.
Hab. North America; a common winter visitor to Jamaica.
179. *EREUNETES PUSILLUS*.
Ereunetes pusillus, Cassin, Pr. Ac. Sc. Phil. 1860, p. 195: Newt. p. 116:
 Scott, Auk, ix. p. 13; Sharpe, Cat. B. xxiv. p. 514.
Pelidna pusilla, Gosse, B.J. 348 (?)
Hab. North America; an occasional winter visitor to Jamaica.
180. *TRINGA MINUTILLA*. Least Stint.
Tringa wilsoni, Scl. P.Z.S. 1861, p. 80.
Tringa minutilla, Newt. p. 116: Scott, Auk, ix. p. 13:
Actodromas minutilla, March, Pr. Ac. Phil. 1864, p. 67.
Limonites minutilla, Sharpe, Cat. B. xxiv. p. 548.
Hab. North America; a regular, but not very common winter visitor to
 Jamaica.
181. *TRINGA FUSCICOLLIS*. Bonapartes' Sandpiper.
Tringa bonapartii, Scl. P.Z.S. 1861, p. 80:
Tringa fuscicollis, Newt. List, p. 116: Albrect, J.f. Orn. 1862 p. 205: Scott,
 Auk, ix. p. 13.
Heteropygia fuscicollis, Sharpe, Cat. B. xxiv. p. 574.
Hab. North America; Jamaica occasionally, in winter.
182. *TRINGA MACULATA*. Pectoral Sandpiper,
Tringa maculata, Newt. p. 116: Scott, Auk, ix. p. 13.
Heteropygia maculata, Sharpe, Cat. B. xxiv. p. 562.
Hab. North America; an occasional visitor to Jamaica.
183. *TRINGA CANUTUS*. Knot.
Tringa canutus, Gosse, p. 201: March, Pr. Ac. Sc. Phil. ix, 1864, p. 67: Newt.
 p. 116: Scott. Auk, ix. p. 13: Sharpe, Cat. B. xxiv. p. 593.
Hab. North America; an occasional visitor to Jamaica, in winter.
184. *MACRORHAMPHUS GRISEUS*. Brown Snipe.
Macrohamphus griseus, Cass & Baird, B.N.A., p. 712: Newt. p. 116: Scott,
 Auk, ix. p. 13: Sharpe, Cat. B. xxiv. p. 394.
Hab. North America; an occasional visitor to Jamaica.
185. *GALLINAGO DELICATA*. Wilson's Snipe.
Gallinago wilsoni, Gosse, p. 353; Newt. 116: March, Pr. Ac. Ph. 1864 p. 67.
Gallinago delicata, Scott, Auk, ix. p. 12: Sharpe, Cat. B. xxiv. p. 642.
Hab. North America; a winter visitor to Jamaica.
186. *PHILOHELA MINOR*. American Woodcock,
Rusticola minor, Gosse, p. 354, March Pr. Ac. Sc. Phil. 1864, p. 68.
Scolopax minor, Newt. p. 316.
Philohela minor, Scott, Auk, ix. p. 12, Sharpe, Cat. Birds, xxiv. p. 679:
Hab. North America; an occasional visitor to Jamaica in winter.

Fam. LARIDÆ. (Gulls).

Only five species of gulls and Terns have as yet been recorded from the shores of Jamaica but about twenty have been met with in the Antilles, so that there are propably many still to be added to this part of the Jamaican List. The American Check-list contains the names of more than forty Gulls and Terns.

187. *LARUS ATRICILLA*. Laughing Gull.
Xema atricilla, Gosse, p. 437.
Larus atricilla, Newt. p. 117: Scott, Auk, viii. p. 362: Saund. Cat. B. xxv.
 p. 194.
Hab. North America : met with on the south coast of Jamaica.
188. *STERNA MAXIMA*. Cayenne Tern.
Thalasseus cayanus, Gosse, p. 431.
Sterna regia, Scl. P.Z.S. 1861, p. 82.
Sterna maxima, Scott, Auk, viii. p. 362: Saund. Cat. Birds, xxv. p. 80.
Hab. North America. Met with on the south coast of Jamaica.

189. STERNA ANTILLARUM. American Lesser Tern.
Sterna argentea, Gosse, B. J.p. 437 (Hill).
Sterna antillarum, Newt. p. 117: Saunders, P.Z.S. 1876, p. 661: Scott, Auk, viii. p. 362.: Saund, Cat. Birds xxiv. p. 122.
 Hab. N. America: south coast of Jamaica.
190. STERNA FULIGINOSA. Great Sooty Tern.
Hydrochelidon fuliginosa, Gosse, p. 433.
Sterna fuliginosa, Newt. List, p. 117: Scott, Auk, ix. p. 361: Saund. Cat. Birds xxv. p. 106.
 Hab. North America: south coast of Jamaica.
191. HYDROCHELIDON NIGRA. Black Tern.
Hydrochelidon nigra, Gosse, p. 437: Newt. List, p. 117: Saund. Cat. Birds, xxv. p. 17.
Hydrochelidon nigra surinamensis, Scott, Auk, viii. p. 360.
 Hab. North America: south coast of Jamaica.

Fam PROCELLARIIDÆ (Petrels).

The great marine Family of Petrels is represented in the Jamaican Avifauna by one species only—an *Æotrelata* which, like some other members of that genus selects as its breeding-place the highest tops of the mountains—Like other terrestrial birds in Jamaica this Petrel has been recently subjected to the ravages of the Mongoose, and it seems rather doubtful whether any of its representatives are still existing.

192. (ESTRELATA JAMAICENSIS. 'Blue Mountain Duck' Gosse, B.J. p. 437.
Procellaria jamaicensis, Bancroft, Zool. Journ. v. p. 81.
Æs'relata jamaicensis, Newt. List, p. 117: Grant, Cat. Birds, xxv. p. 403: Godman, Mon. of Petrels, p. 189, pl. 50.
Æstrelata caribbæa Scott, Auk, viii, p. 355.
 Hab. Jamaica, breeding on the mountains, supposed to be now extinct.

PODICIPEDIDÆ (Grebes).

Two species of the aquatic Family of Grebes belong to the Jamaican List. One of them is a permanent resident, the other an occasional visitor. Six Grebes find a place in the North American Avifauna, so that it is possible that an addition may be made to the present number in Jamaica.

193. PODICEPS DOMINICUS. White-winged Grebe.
Podiceps dominicus, Gosse, B. J., p. 440, id. Ill. pl. 120: March, Pr. Ac. Phil. 1864, p. 70: Newt. p. 117: Grant, Cat. Birds, xxv. p. 520
Colymbus dominicensis, Scott, Auk, viii. p. 354
 Hab. North America; resident in Jamaica.
194. PODILYMBUS PODICEPS. Pied-billed Grebe.
Podiceps carolinensis, Gosse, B.J. p. 438.
Podilymbus podiceps, Sel. P Z.S. 1861, p. 82: March, Pr. Ac. Sc. Phil. 1864, p. 70: Newt. p. 117: Scott, Auk, viii. p. 353: Grant, Cat. Birds, xxvii. p. 553.
 Hab. N. America: occasionally met with in Jamaica.

III. CONCLUDING REMARKS.

As shown by the List, the Avifauna of Jamaica, as at present known to us, contains about 200 species, though, no doubt, many more "accidental visitors" remain to be added to it. These species fall into three principal categories—

i. Constant Residents	99
ii. Winter Visitors	52
iii. Occasional Visitors	43

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I will make a few remarks on each of these divisions

The 99 'Constant Residents' are divisible into two sections (1) those that, so far as we know at present, do not occur elsewhere, but are absolutely confined to Jamaica, and (2) those that have a more or less wide range outside the Island. The former are 42 in number, the latter are 57.

The following is a list of the 42 species which are believed to be absolutely peculiar to Jamaica and may be denominated "autocthonous."

AUTOCTHONOUS BIRDS OF JAMAICA.

	No. in Gen. List.		No. in Gen. List.
1 <i>Corvus jamaicensis</i>	1	22 <i>Pitangus jamaicensis</i> .	56
2 <i>Quiscalus crassirostris</i>	2	23 <i>Blacicus pallidus</i>	57
*3 <i>Nesopsar nigerrimus</i> .	3	24 <i>Myiarchus stolidus</i> .	58
4 <i>Icterus leucopteryx</i> .	5	25 — <i>barbirostris</i> .	59
5 <i>Pyrrhulagra ruficollis</i> .	10	26 <i>Platypsaris niger</i> .	61
6 — <i>anoxantha</i> .	11	*27 <i>Hylonax validus</i> .	62
*7 <i>Pyrrhuphonia jamaica</i> .	14	28 <i>Lampornis mango</i> .	63
8 <i>Spindalis nigricephala</i> .	15	*29 <i>Aithurus polytmus</i> .	64
*9 <i>Glossiptila ruficollis</i> .	17	*30 <i>Siphonorhis americanus</i> .	73
10 <i>Certhiola flaveola</i> .	18	*31 <i>Hyetornis pluvialis</i>	76
11 <i>Turdus jamaicensis</i> .	19	32 <i>Saurothera vetula</i>	77
12 — <i>aurantius</i> .	20	33 <i>Centurus radiolatus</i> .	80
13 <i>Mimus hilli</i> .	22	34 <i>Todus viridis</i> .	82
14 <i>Dendroeca pharetra</i> .	34	35 <i>Chrysotis collaria</i> .	83
15 — <i>eo</i> .	36	36 — <i>agilis</i> .	84
16 <i>Vireo modestus</i> .	45	37 <i>Conurus nanus</i> .	85
*17 <i>Laletes osburni</i> .	46	38 <i>Ara gossii</i> .	86
18 <i>Myiadectes solitarius</i> .	48	39 <i>Asio grammicus</i> .	88
19 <i>Petrochelidon euchrysea</i> .	52	40 <i>Leptoptila jamaicensis</i> .	150
20 <i>Elainea fallax</i> .	54	41 <i>Geotrygon cristata</i> .	151
21 <i>Myiopagis cotta</i> .	55	42 <i>Cestrelata jamaicensis</i> .	192

The eight species marked with an asterisk (*) belong to Genera (*Nesopsar*, *Pyrrhuphonia*, *Glossiptila*, *Laletes*, *Hylonax*, *Aithurus*, *Siphonorhis* and *Hyetornis*) which are restricted to the Island of Jamaica and are not known elsewhere.

On examining the list we see at once that, as might have been expected, nearly all the species named in it belong to American genera, and are more or less closely allied to species met with in North, Central or South America. The process of modification during past ages must, however, have been considerable, as it has been sufficient to create a *generic difference* in the eight instances above mentioned. But the case of *Todus* is still more remarkable, as its pronounced characters are such as to necessitate its elevation to the rank of a separate Family (Todidæ). *Todus*, however, is not absolutely confined to Jamaica, as, like *Spindalis* and *Saurothera*, it has representatives slightly modified in form in other Islands of the Antilles.

Of the 57 'Constant Residents' which are not confined to Jamaica, but are also met with elsewhere, it is only necessary to say that they are all American forms although in a few cases they extend their ranges into the Old World.

The Winter-Visitors, which I make about 52 in number, are composed chiefly of members of the three groups of Wood-warblers (Mniotiltidæ), Ducks (Anatidæ), and Waders (Charadriidæ and Scolopacidæ) which breed in North America and migrate south in the winter. The Occasional-Visitors and stragglers I reckon at about 43, but, their number will, no doubt, be largely increased when greater attention is paid to the Birds of Jamaica.

On the whole the general character of the Birds of Jamaica shows that the Island is part of the Antillean Sub-region of the great Neotropical Region, as has been explained in the "Geography of Mammals."* The main features of the Avifauna are Neotropical, as proved by the Tanagers, Humming birds, Parrots and Pigeons. But there are also in Jamaica some remnants of an older Avifauna, as testified by such peculiar forms as *Laletes*, *Siphonorhis* and *Glossiptila*, and above all by the Family Todidæ which is absolutely restricted to the Greater Antilles.

It should be always remembered, however, that in the winter-season the ordinary facies of the Jamaican 'Ornis' is materially altered by a rush of immigrants from the north, which essentially modify the Avifauna at that time of year.

*"The Geography of Mammals." By W. L. Sclater and P. L. Sclater. London, 1899

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